Form No. 3356-815 Rev B

TORO®

Count on it.

Parts Catalog

Reelmaster® 4000-D

2-Wheel Drive Traction Unit

Model No. 03706—Serial No. 270000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3356-815 B

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1,6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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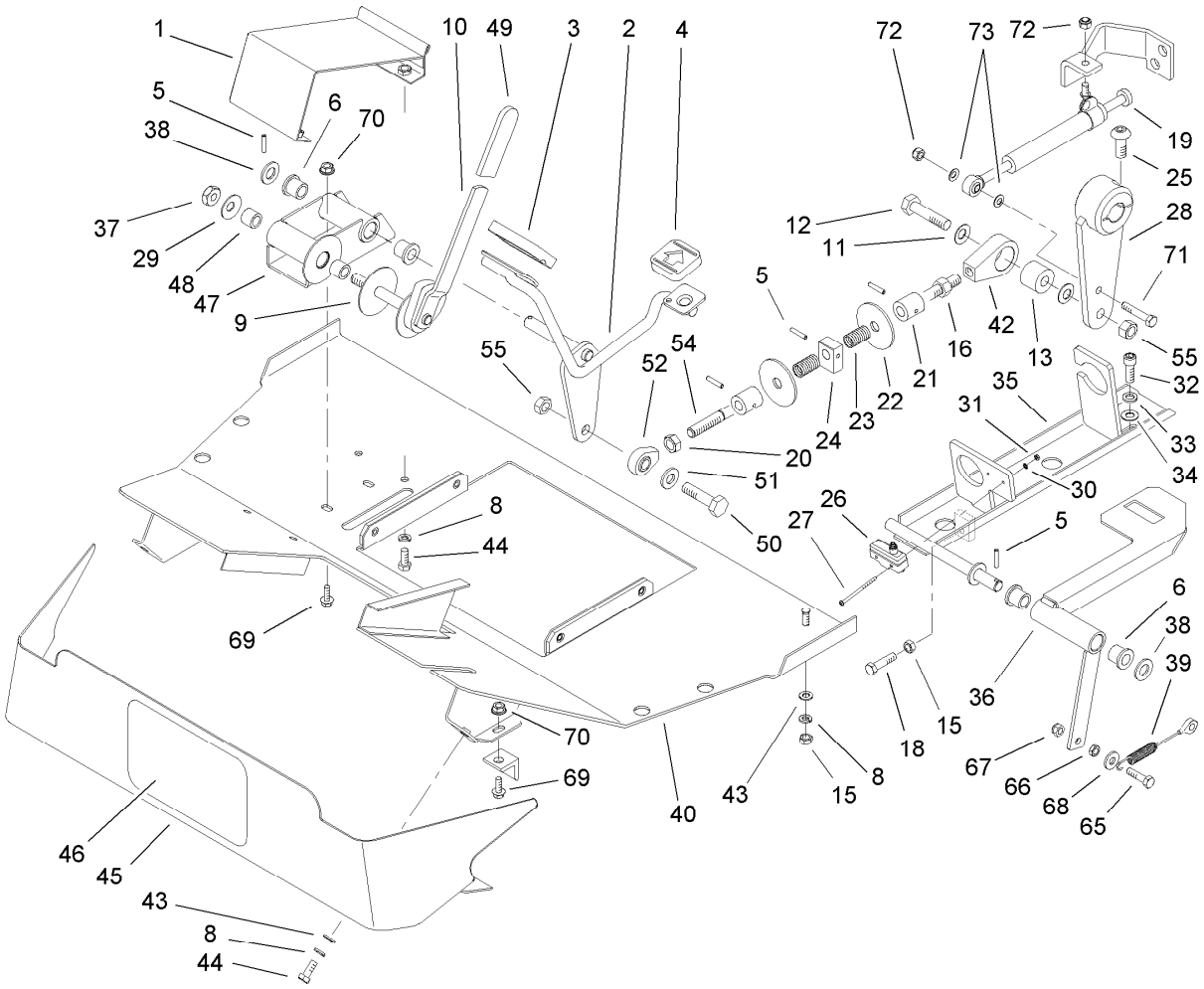
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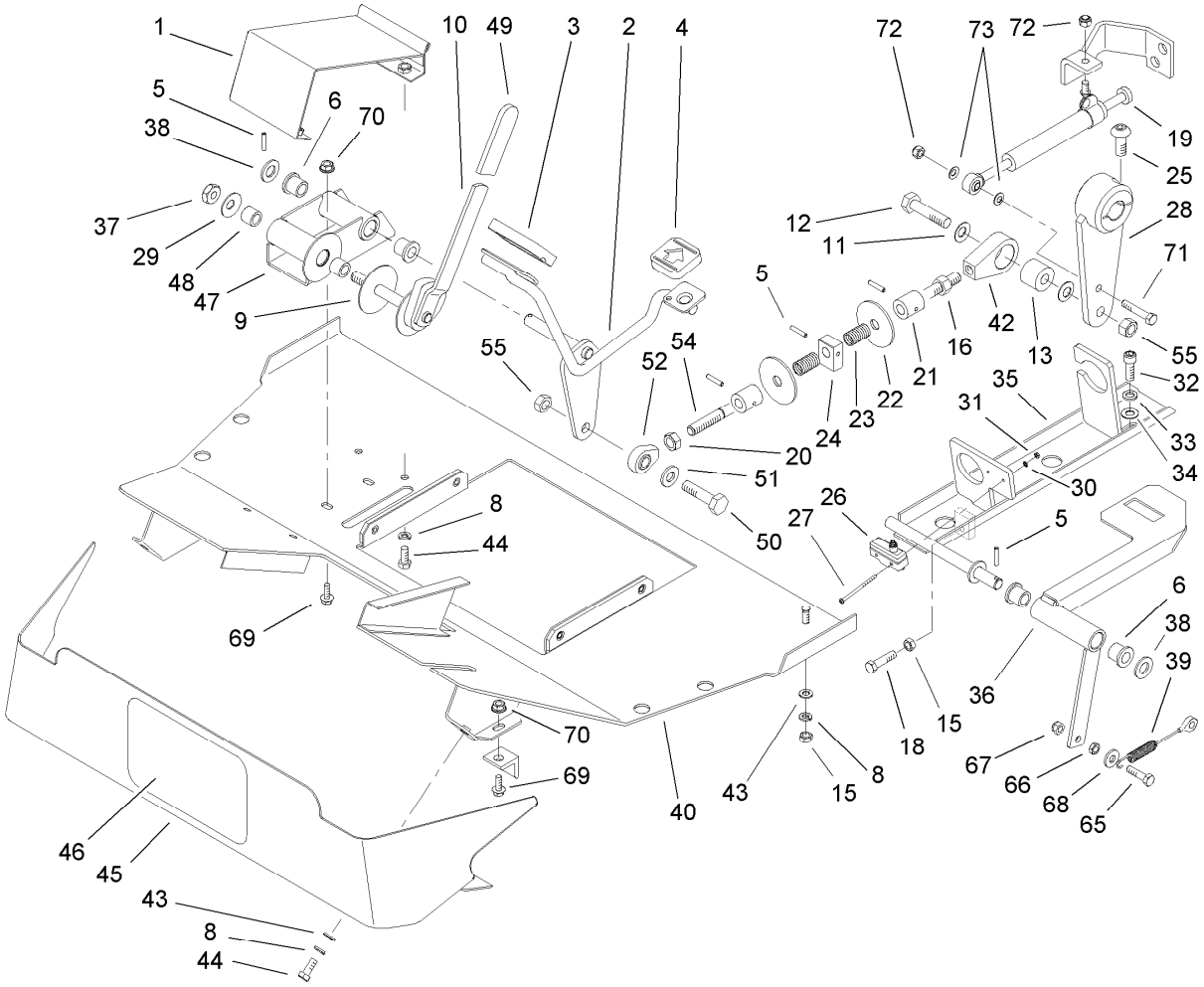
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Foot Rest and Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	58-9580-03	1	Rest-Foot
2	60-0640-01	1	Pedal-Traction
3	74-9100	1	Pad-Pedal, Forward
4	74-9110	1	Pad-Pedal, Reverse
5	60-2110	5	Pin
6	48-6790	4	Bearing
8	42-9850	10	Washer-Lock, Spring
9	3-2858	1	Disc-Friction
10	60-1130	1	Lever
11	3290-483	3	Washer-Conical
12	325-9	1	Screw-HH
13	47-7030	1	Bushing-Rubber
15	33014-00	5	Nut-Hex
16	3217-9	1	Nut-HH
18	48-7740	2	Screw
19	48-7100	1	Damper-Steering
20	3219-5	1	Nut-Hex
21	58-4310	2	Collar-Pinned
22	58-5100	2	Washer-Traction
23	60-5700	2	Spring
24	58-9010	1	Tab-Clamp
25	3274-89	1	Screw-HSH
26	29-6163	1	Switch-Micro
27	3249-11	2	Screw-Machine
28	98-1209-03	1	Lever-Pump
29	60-6990	1	Washer
30	3255-24	2	Washer-Lock / EXT
31	3217-29	2	Nut-Hex

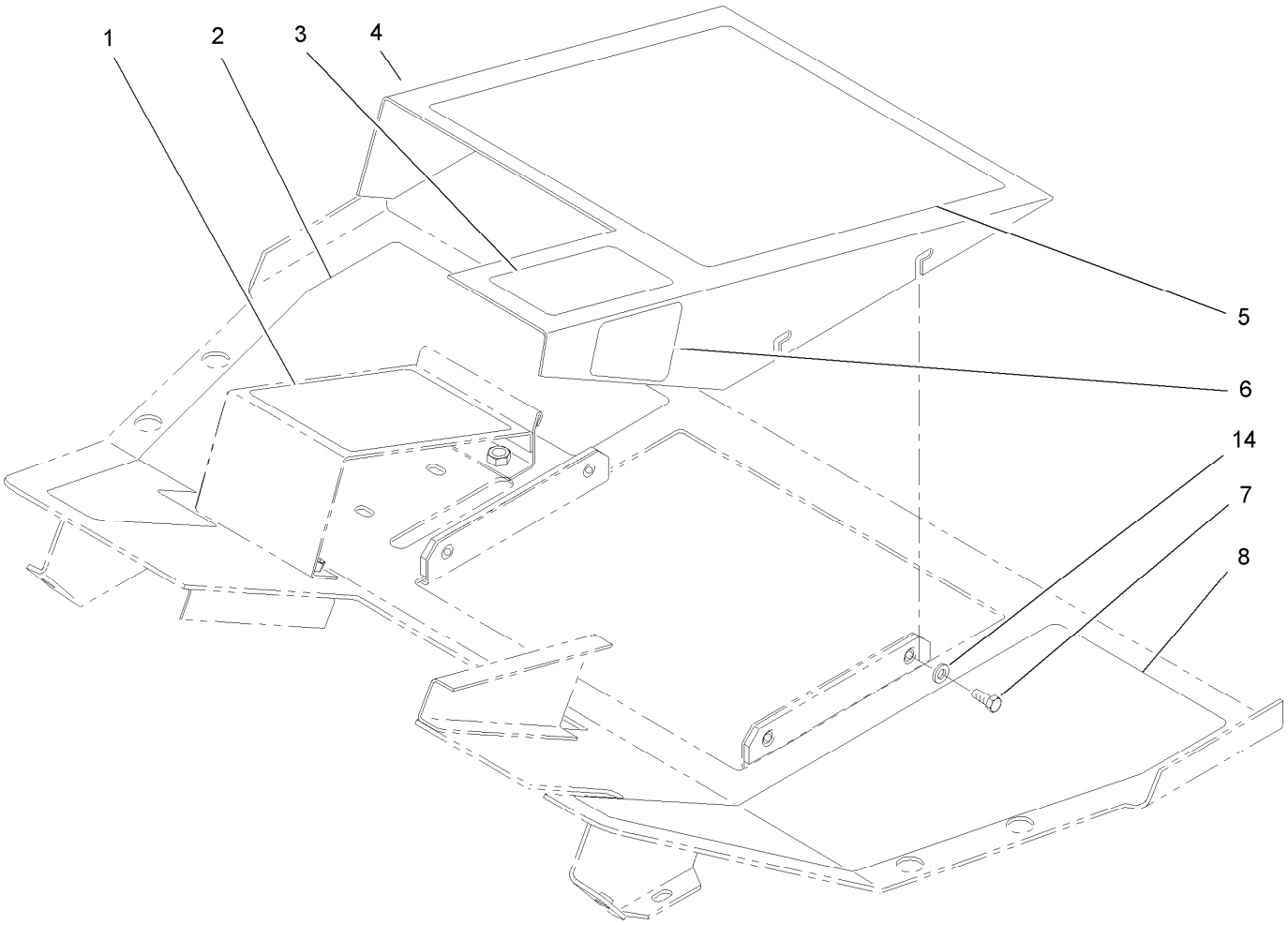
Ref.	Part Number	Qty.	Description
32	3274-7	2	Screw-HSH
33	3253-5	2	Washer-Lock
34	3256-24	2	Washer-Flat
35	112-6500-01	1	Bracket-Lock, Neutral
36	92-9228-03	1	Lever
37	3296-19	1	Nut-Hex
38	60-6740	3	Washer
39	92-9221	1	Cable ASM
40	92-4730-03	1	Plate-Floor
42	60-0760	1	Clevis-Rod, Traction
43	33094-00	6	Washer-Plain
44	33114-020	7	Screw-HH
45	58-0400-01	1	Shroud
46	62-7400	1	Decal
47	60-0600-03	1	Bracket-Pivot
48	60-1110	2	Bushing
49	3-7877	1	Grip-Handle
50	325-7	1	Screw-HH
51	3256-26	1	Washer-Flat
52	2411-44	1	End-Rod
54	76-3430	1	Rod-Traction
55	3296-25	2	Nut-Lock, NI
65	322-6	1	Screw-HH
66	3218-2	1	Nut-Jam
67	3296-29	1	Nut-Lock, NI
68	3256-3	1	Washer-Flat
69	3234-5	4	Screw-HHF
70	32128-20	4	Nut-HF



Foot Rest and Traction Pedal Assembly (continued)

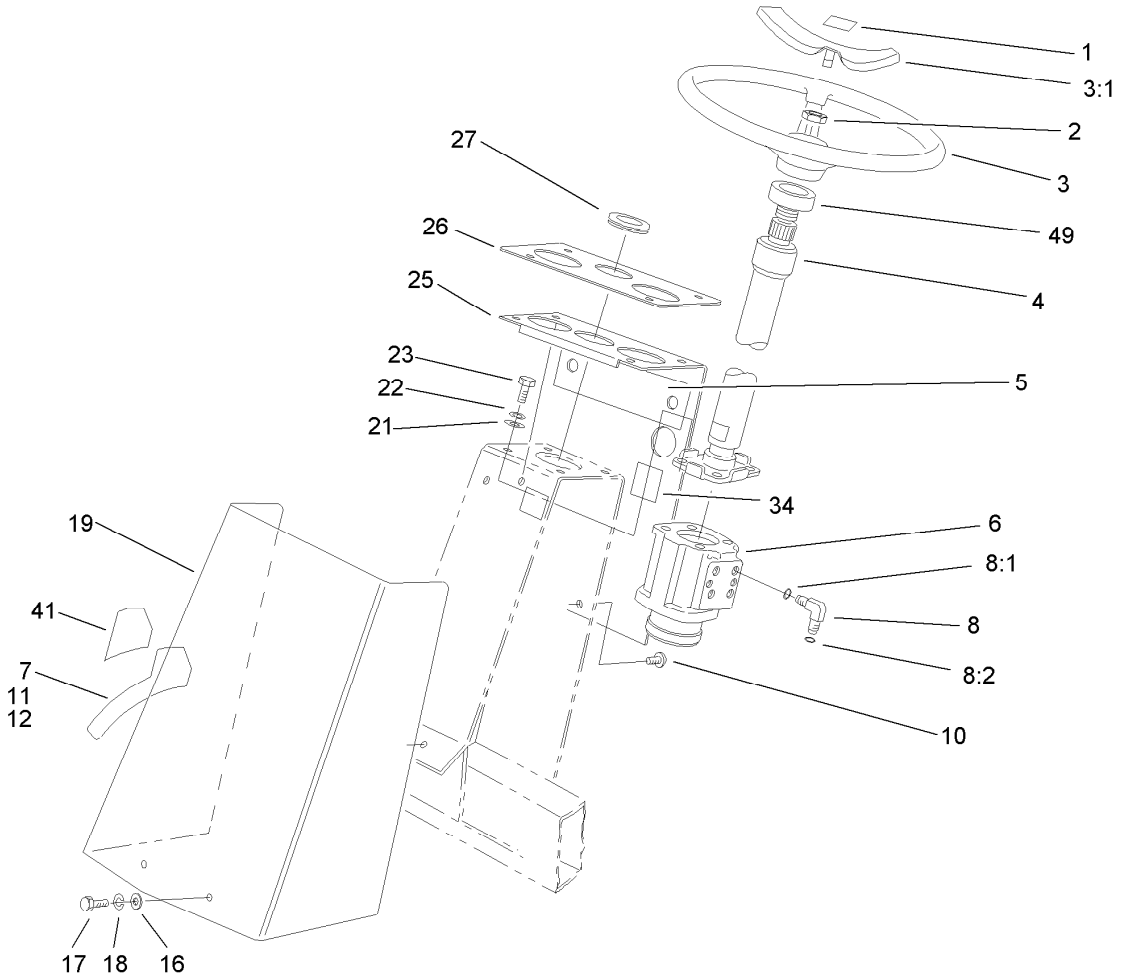
Ref.	Part Number	Qty.	Description
71	33114-045	1	Screw-HH

Ref.	Part Number	Qty.	Description
72	33024-00	2	Nut-Lock, NI
73	3290-482	2	Washer-Belleville



Floor Plate Assembly

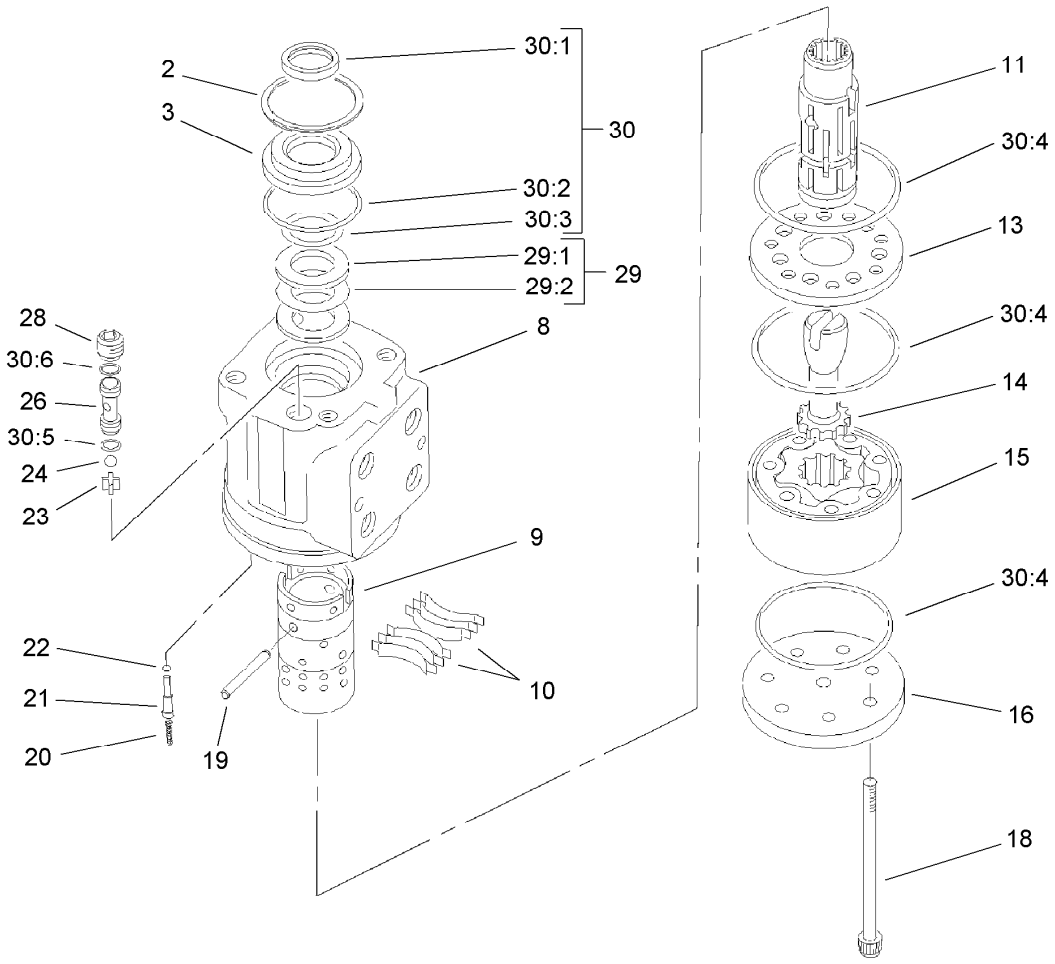
Ref.	*Part Number*	*Qty.*	*Description*
1	59-7280	1	Pad-Pedal, Traction
2	58-6510	1	Pad-Footrest, RH
3	62-6440	1	Pad-Foot
4	58-7390-03	1	Footrest
5	58-6630	1	Pad-Floor, Center
6	93-9409	1	Decal-Latch
7	33113-016	3	Screw-HH
8	58-6620	1	Pad-Footrest, LH
14	3256-16	3	Washer-Flat



Steering Tower Assembly

Ref.	Part Number	Qty.	Description
1	98-1459	1	Decal
2	107-2562	1	Nut-Hex
3	98-1471	1	Wheel-Steering
3:1	98-1468	1	Cover-Wheel, Steering
4	98-3808	1	Column-Steering
5	93-9399	1	Decal-Noise
6	92-9220	1	Steering Control ASM
7	93-9397	1	Decal-Speed, Ground
8	340-18	4	Fitting-HYD, 90 DEG
8:1	237-79	1	O-Ring
8:2	237-22	1	O-Ring
10	60-3260	1	Screw-PPH
11	63-4330	1	Decal-Overlay, 5 Blade
12	63-4340	1	Decal-Overlay, 11 Blade

Ref.	Part Number	Qty.	Description
16	33093-00	2	Washer-Flat
17	33113-012	2	Screw-HH
18	43-5930	2	Washer-Lock, Spring
19	58-0500-01	1	Cover-Valve, Steering
21	3256-24	4	Washer-Flat
22	3253-5	4	Washer-Lock
23	323-8	4	Screw-HH
25	82-9310-03	1	Panel-Display
26	107-1817	1	Decal-Panel, Display
27	60-0790	1	Grommet
34	105-4674	1	Decal-Noise
41	93-9427	1	Decal-Clip, 5 Blade
49	21-9260	1	Cover-Dust

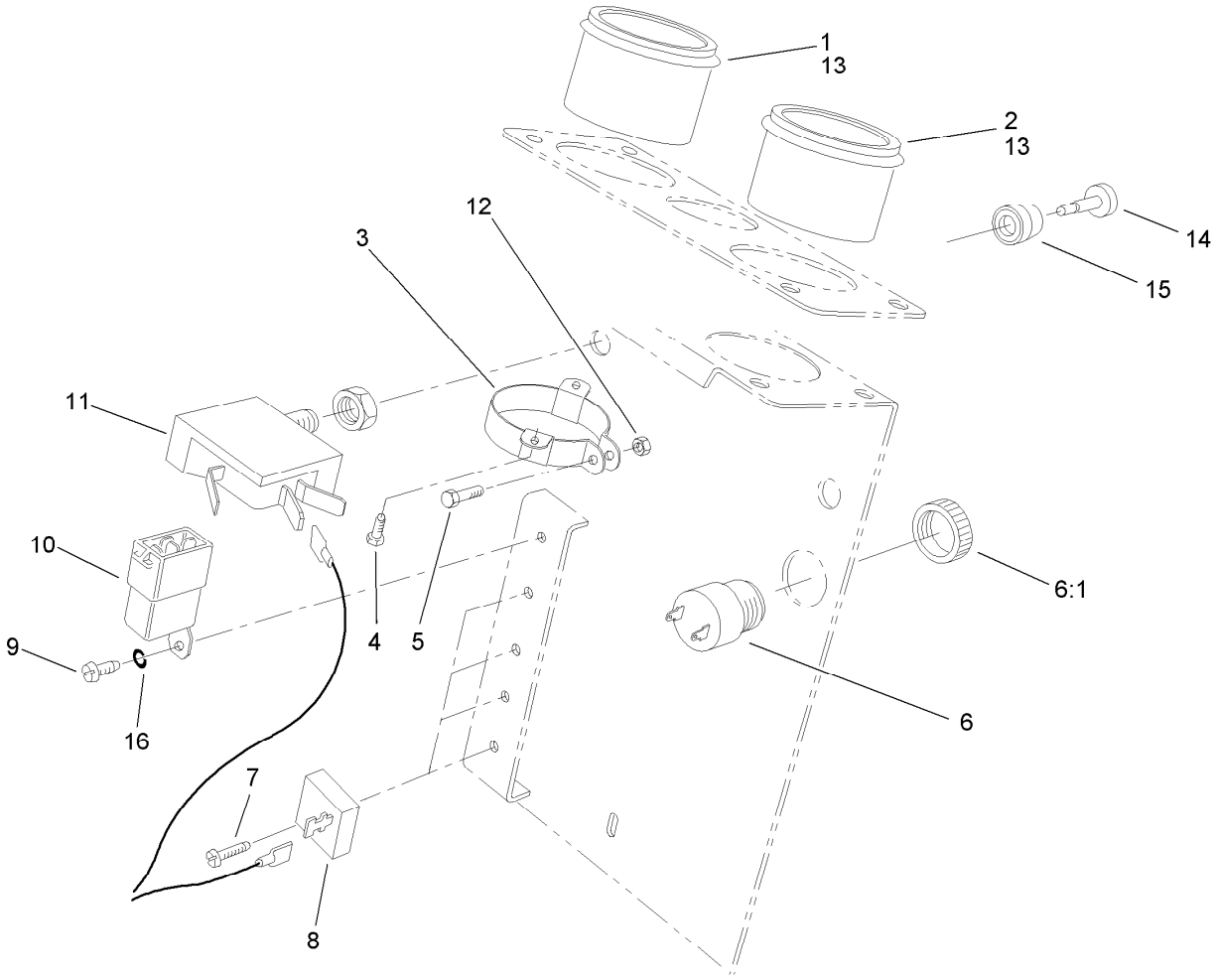


Steering Control Assembly No. 92-9220

Ref.	Part Number	Qty.	Description
2	52-9230	1	Ring-Retaining
3	52-9240	1	Bushing
8		1	Housing ●
9		1	Sleeve-Control ●
10	59-6820	1	Centering Spring Kit
11		1	Spool-Control ●
13	92-9732	1	Plate-Wear
14	59-6860	1	Drive
15	59-6870	1	Gerotor
16	92-9730	1	Cap-End
18	92-9733	7	Screw-Cap
19	59-6830	1	Centering Pin Kit
20	74-3090	2	Spring-Anti-Cav
21	92-9737	2	Plug-Retainer
22	74-3140	2	Ball-Check, Anti-Cav

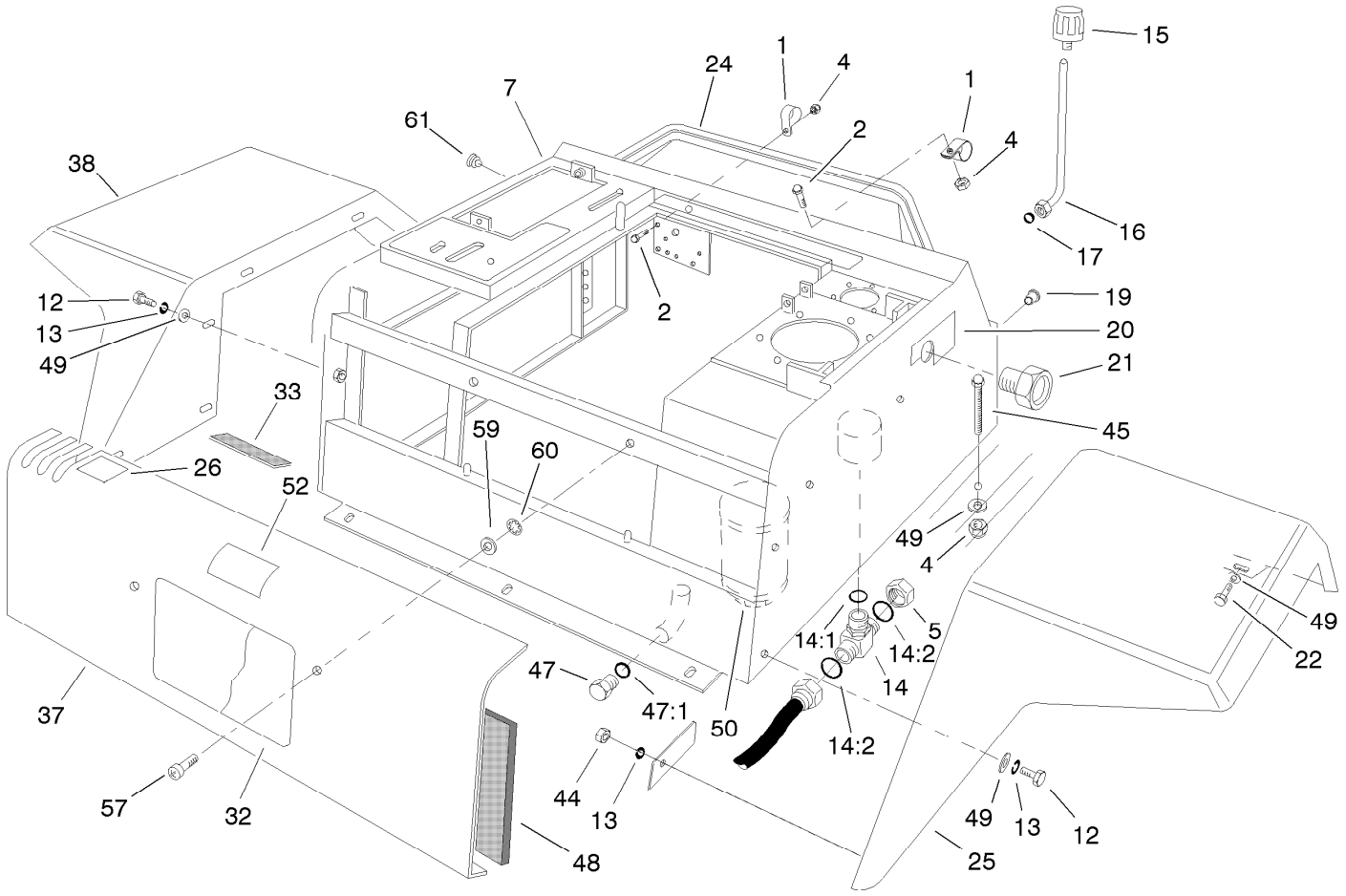
Ref.	Part Number	Qty.	Description
23	52-9290	1	Retainer-Checkball
24	52-9280	1	Checkball
26	52-9270	1	Seat-Checkball
28	52-9260	1	Screw-Set
29	52-9250	1	Bearing Kit
29:1	59-6730	2	Race
29:2	59-6740	1	Bearing
30	92-9749	1	Seal Kit
30:1		1	Seal-Dust ●
30:2		1	Seal-Dust ●
30:3		1	Seal-Dust ●
30:4		3	Seal-Dust ●
30:5		1	Seal-Dust ●
30:6		1	Seal-Dust ●

● Not serviced separately



Steering Tower Electrical Assembly

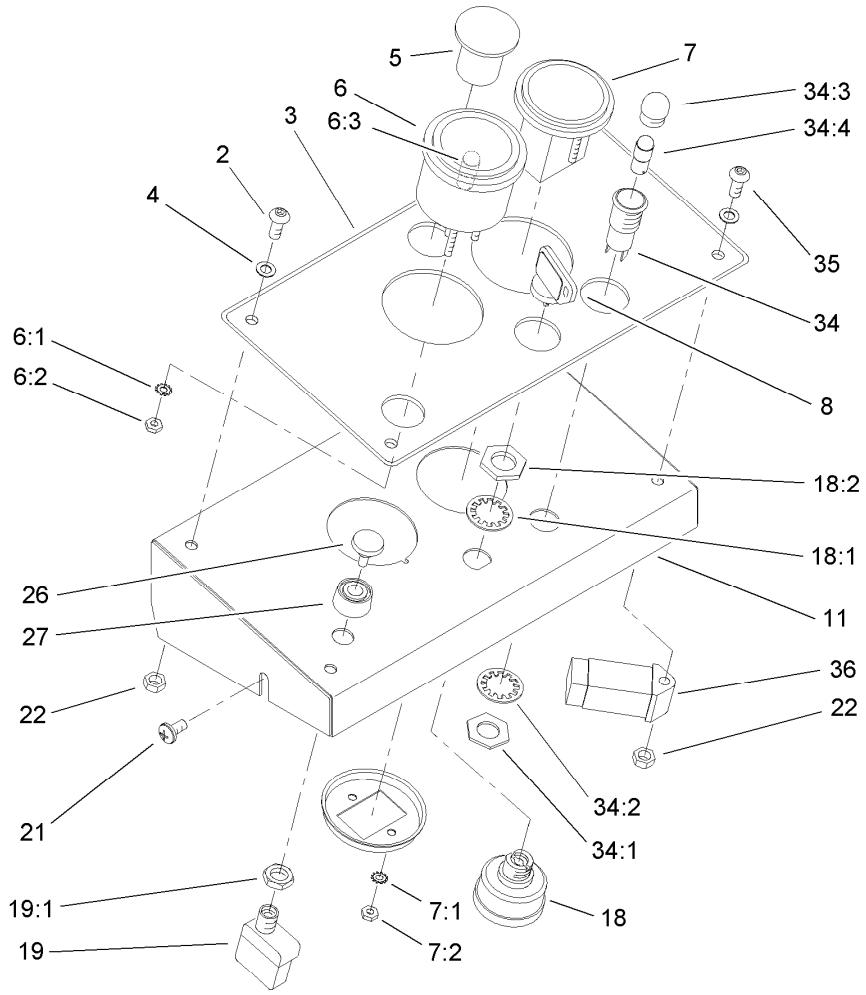
Ref.	*Part Number*	*Qty.*	*Description*
1	93-1434	1	Gauge-Cluster, Warning
2	93-1435	1	Gauge-Cluster, Warning
3	69-4780	2	Clamp-Gauge
4	32144-19	4	Screw-SHWH
5	32105-12	2	Screw
6	80-9330	1	Audio Alarm ASM
6:1	104-5107	1	Nut-Plastic, Knurled
7	3251-4	4	Screw-SRH
8	37-7600	4	Rectifier-Bridge
9	3251-1	1	Screw-PPH
10	70-1480	1	Relay
11	43-6290	2	Switch
12	3296-2	2	Nut-Lock, NI
13	219-17	8	Bulb
14	43-6280	2	Button-Push
15	43-6420	2	Bezel
16	3253-2	1	Washer-Lock



Center Console Assembly

Ref.	Part Number	Qty.	Description
1	2412-106	2	Clamp-R
2	321-5	2	Screw-HH
4	3296-42	4	Nut-Lock, NI
5	340-117	1	Cap
7	92-9273-03	1	Console-Center
12	33113-016	10	Screw-HH
13	43-5930	10	Washer-Lock, Spring
14	92-4799	1	Fitting-Tee, HYD
14:1	237-79	1	O-Ring
14:2	237-22	2	O-Ring
15	68-6150	1	Breather
16	98-3844	1	Breather Tube ASM
17	237-65	1	O-Ring
19	32148-6	4	Nut-Clinch
20	93-9406	1	Decal-Glass, Sight
21	58-5940	1	Plug-Gage, Sight
22	48-6900	4	Screw
24	92-5682	1	Strip-Sealing
25	58-0980-01	1	Mudguard-LH

Ref.	Part Number	Qty.	Description
26	93-9407	1	Decal-Lever, Lift
32	104-5204	1	Decal-Hillside (Ce)
32	104-5203	1	Decal-Hillside (Ansi)
33	68-7840	1	Strip-Sealing
37	58-1750-03	1	Panel-Access
38	92-4746-01	1	Mudguard-RH
44	48-7890	2	Nut-Hex
45	321-24	2	Screw-HH
47	58-9160	1	Plug-Drain
47:1	237-80	1	O-Ring
48	68-7810	1	Panel-Lining
49	3256-22	16	Washer-Flat
50	48-7120	1	Element-Suction
52	93-9425	1	Decal-Danger
57	3250-36	2	Screw-PPH
59	3256-3	2	Washer-Flat
60	32151-72	2	Ring-Retaining
61	92-6059	5	Plug-Button

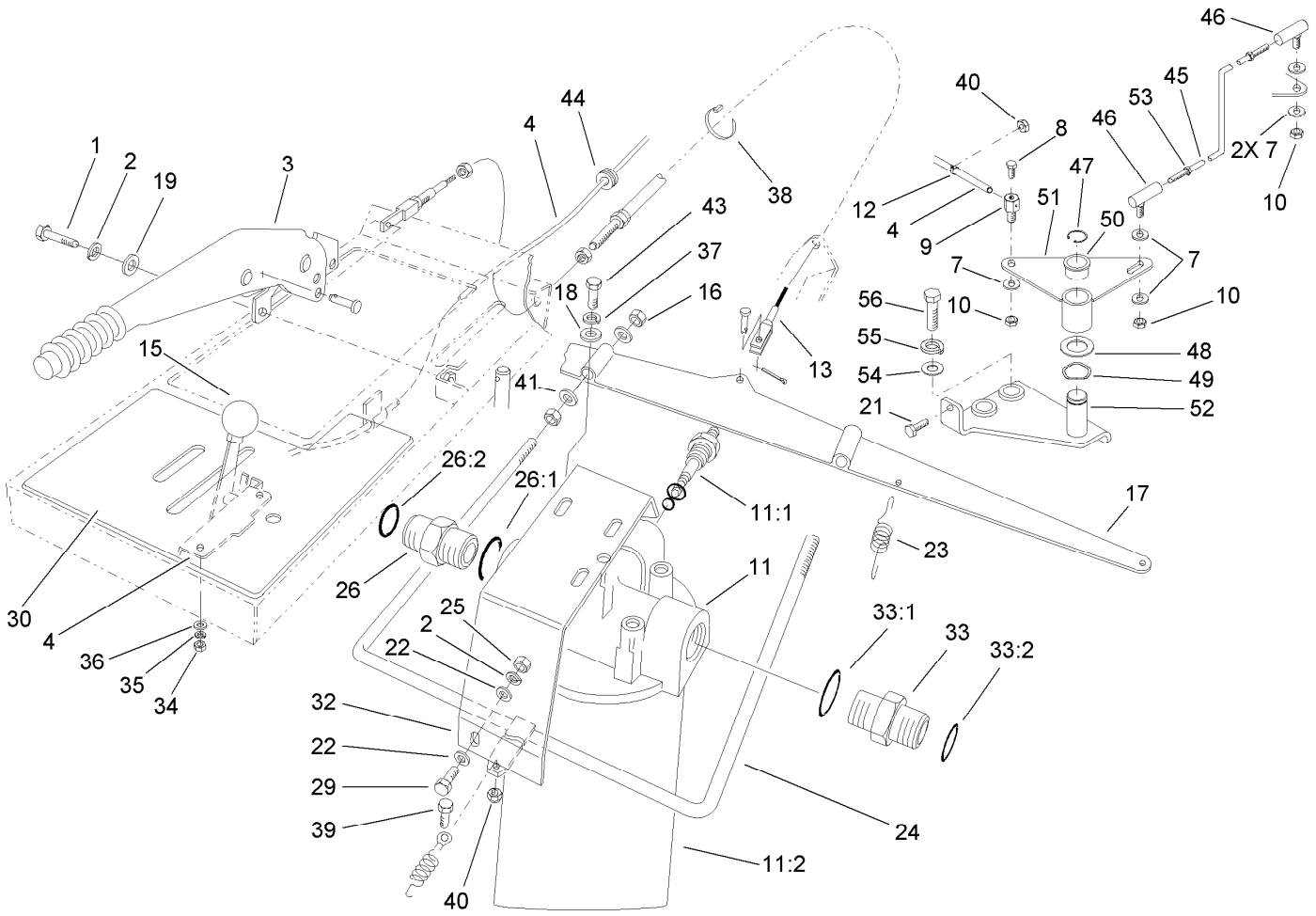


Control Panel Assembly

Ref.	Part Number	Qty.	Description
2	3274-31	3	Screw-HSBH
3	107-1819	1	Decal-Plate, Face
4	3256-60	4	Washer-Flat
5	2410-64	1	Plug-Button
6	98-9339	1	Gauge-Fuel
6:1	3254-1	3	Washer-Lock, Int
6:2	3217-27	3	Nut-Hex
6:3	105-9265	1	Bulb And Lamp ASM
7	66-2950	1	Gauge-Hourmeter
7:1	3255-20	2	Washer-Lock
7:2	3217-25	2	Nut-Hex
8	63-8360	1	Key-Ignition
11	98-3829-03	1	Panel-Instrument
18	88-9830	1	Key Switch ASM
18:1	3254-5	1	Washer-Lock

Ref.	Part Number	Qty.	Description
18:2	218-461	1	Nut-HH
19	72-9760	1	Switch
19:1	218-498	1	Nut-Lock
21	60-2170	2	Screw
22	3296-42	4	Nut-Lock, NI
26	43-6280	1	Button-Push
27	43-6420	1	Bezel
34	44-2210	1	Light-Indicator, Red
34:1	218-535	1	Nut-Hex
34:2	218-536	1	Washer-Lock
34:3	218-533	1	Lens
34:4		1	Bulb ●
35	3274-65	1	Screw-HSBH
36	98-7611	1	Controller-Glow

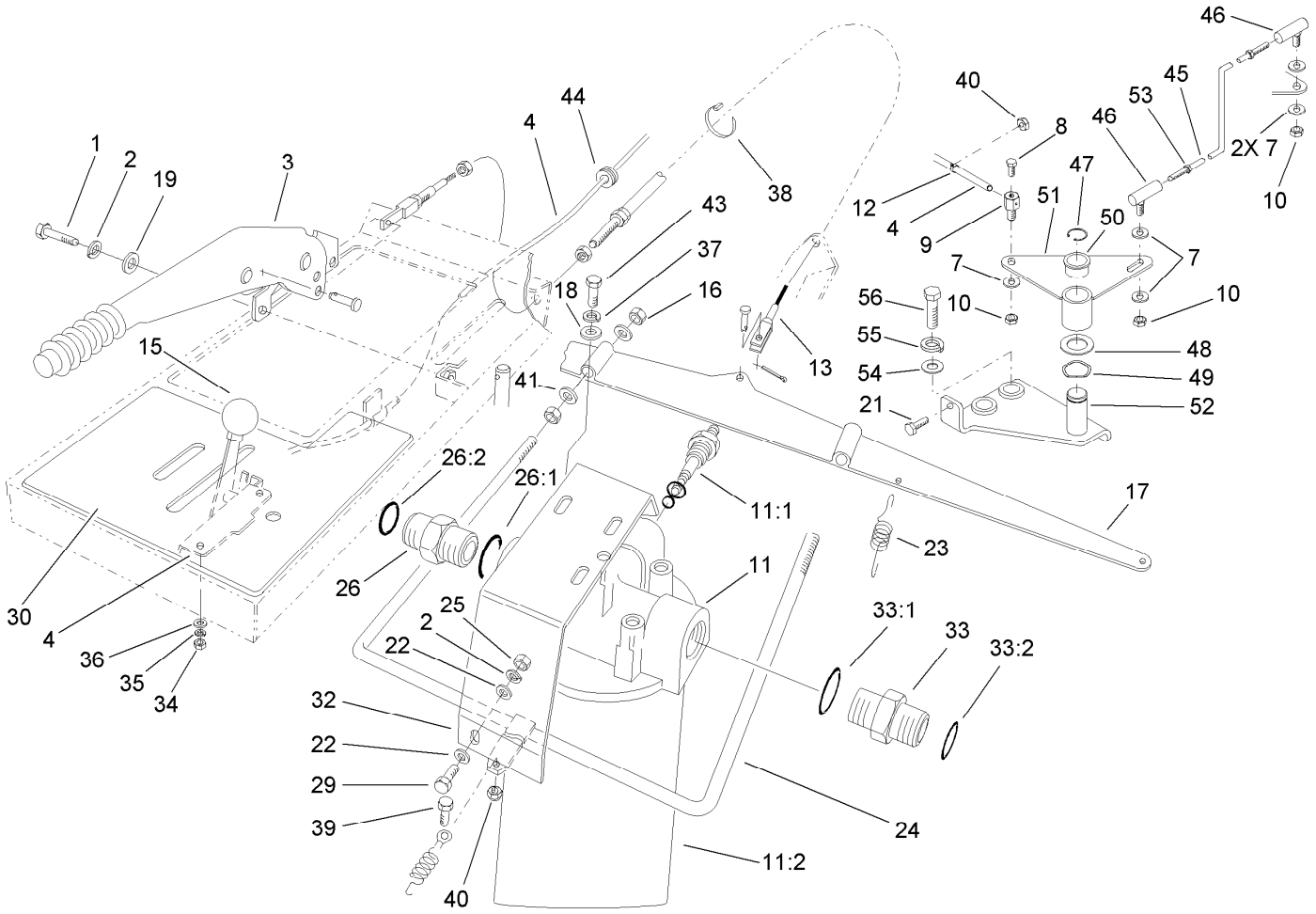
● Not serviced separately



Parking Brake, Throttle and Oil Filter Assembly

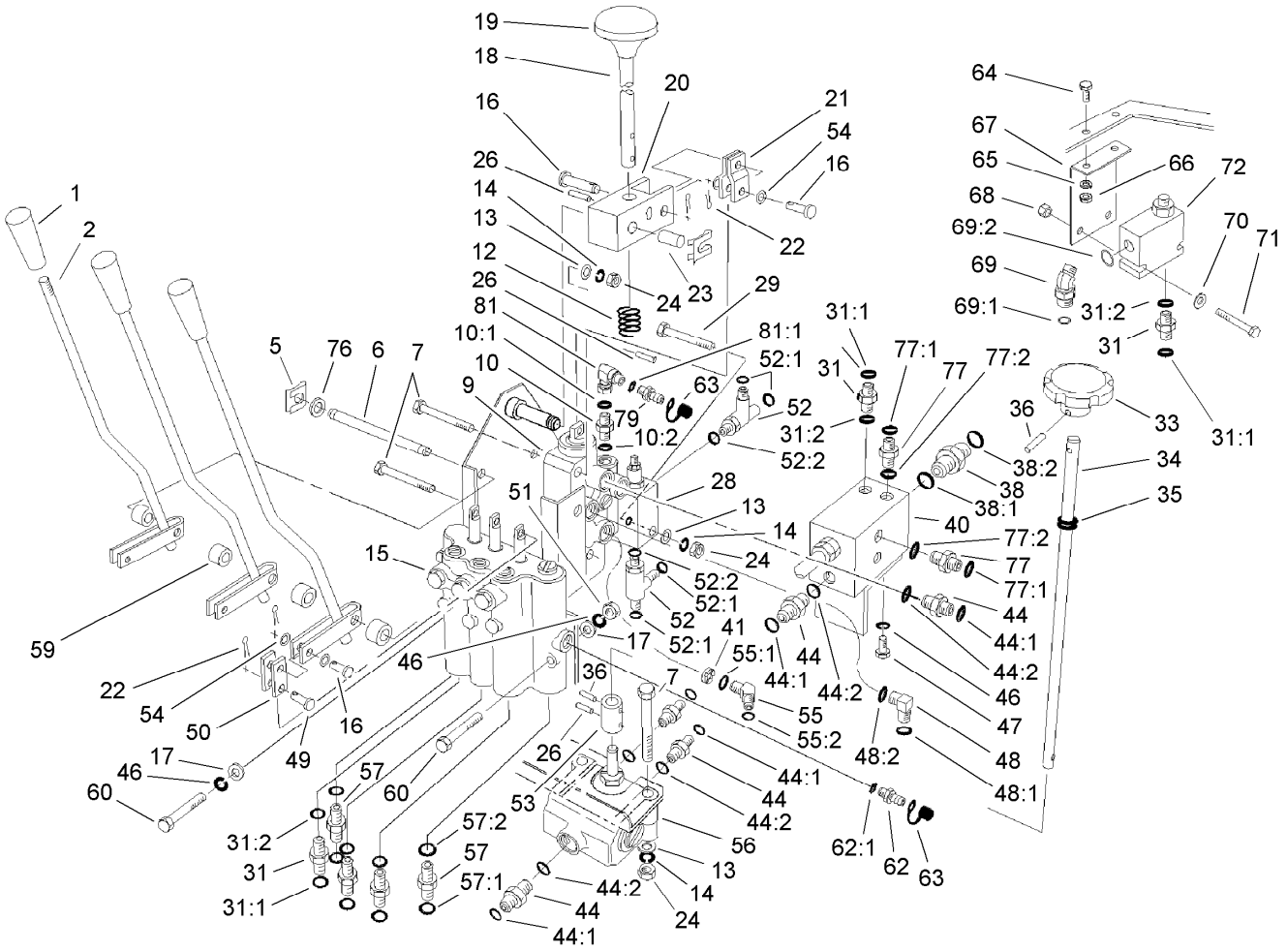
Ref.	Part Number	Qty.	Description
1	33114-016	2	Screw-HH
2	42-9850	4	Washer-Lock, Spring
3	53-6070	1	Lever-Brake
4	59-7240	1	Control-Throttle
7	3256-22	5	Washer-Flat
8	25-8640	1	Screw-HH
9	93-0021	1	Swivel-Cable, Throttle
10	3296-13	3	Nut-Lock, NI
11	86-6090	1	HYD Oil Filter ASM
11:1	86-6100	1	Switch-Indicator, Electrical
11:2	86-6110	1	Filter-Hydraulic
12	2412-31	1	Clamp-Boden
13	92-9222	1	Cable-Handbrake
15	233-25	1	Knob-Control
16	3217-6	4	Nut-Hex
17	58-2170-03	1	Bar-Linkage, Brake
18	3256-3	3	Washer-Flat
19	33094-00	2	Washer-Plain
21	321-4	1	Screw-HH
22	3256-23	4	Washer-Plain
23	60-2140	2	Spring
24	92-9225	1	Yoke
25	3217-6	2	Nut-Hex
26	340-80	1	Fitting-STR
26:1	237-123	1	O-Ring
26:2	340-65	1	O-Ring

Ref.	Part Number	Qty.	Description
29	322-6	2	Screw-HH
30	107-1818	1	Decal-Panel, Side Control
32	84-6470-03	1	Bracket-Filter
33	340-10	1	Adapter
33:1	237-123	1	O-Ring
33:2	340-64	1	O-Ring
34	48-7880	2	Nut-Hex
35	48-8000	2	Washer-Lock
36	52-6430	2	Washer
37	3253-5	3	Washer-Lock
38	3290-378	1	Tie-Cable
39	11-9030	1	Screw-Shoulder
40	3296-42	2	Nut-Lock, NI
41	3256-23	4	Washer-Plain
43	323-5	3	Screw-HH
44	60-2370	1	Grommet
45	98-1261	1	Rod-Throttle
46	98-3845	2	Joint-Ball, Rod End
47	936125	1	Ring-Snap, External
48	67-9410	1	Washer
49	98-3846	1	Washer-Wave
50	256-252	2	Bearing-Flange
51	98-1257-03	1	Lever-Throttle
52	98-1256-03	1	Plate-Throttle
53	3220-1	2	Nut-Jam
54	3256-24	2	Washer-Flat



Parking Brake, Throttle and Oil Filter Assembly (continued)

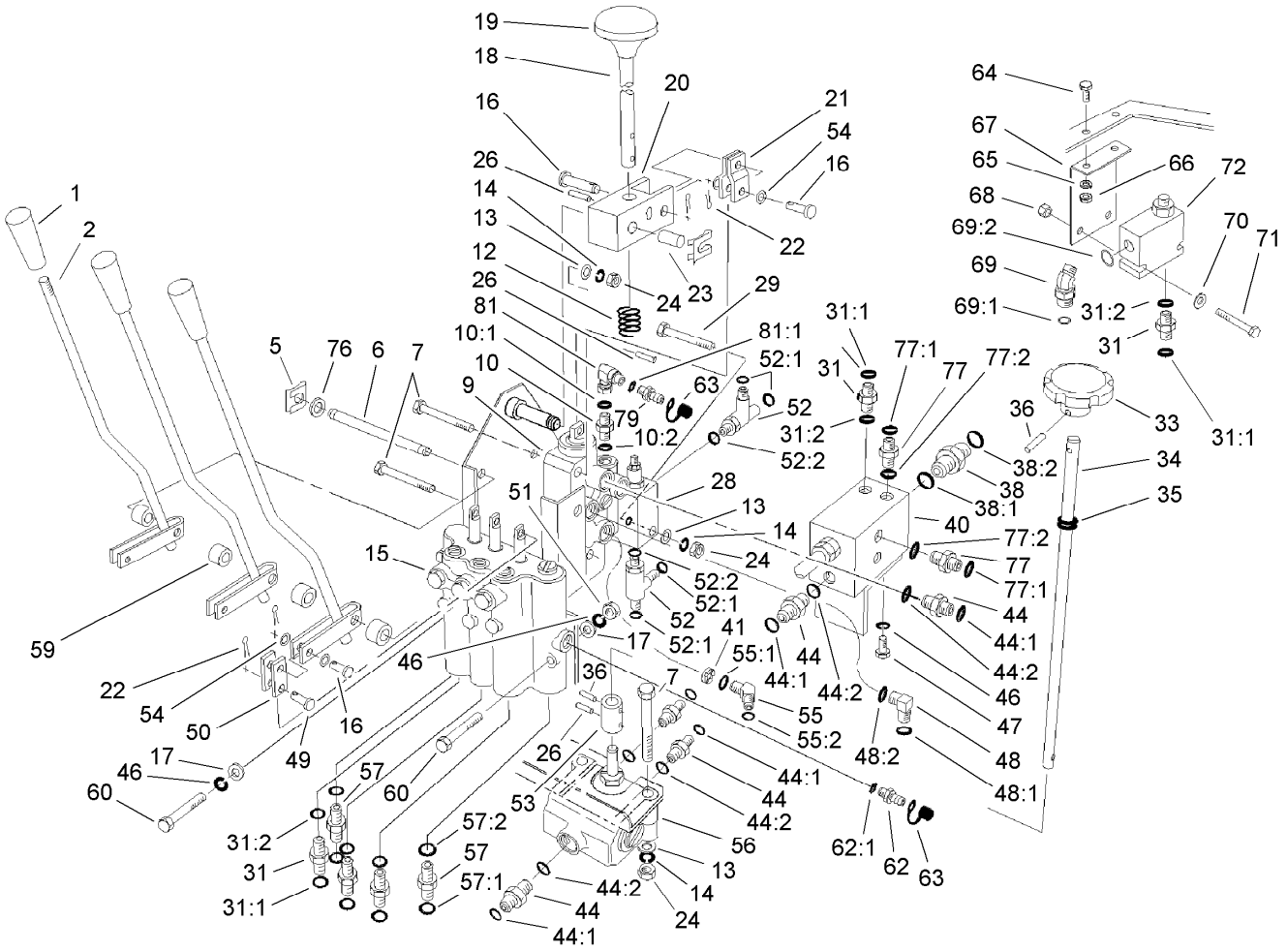
Ref.	*Part Number*	*Qty.*	*Description*
55	48-9590	2	Washer-Lock
56	56-2140	2	Screw-HH



Valve Control Assembly

Ref.	Part Number	Qty.	Description
1	233-39	3	Knob-Control
2	74-3190	3	Lever-Lift
5	60-5690	3	Clip
6	58-1520	1	Pin
7	322-12	4	Screw-HH
9	63-4800	1	Motor-Spool, Valve
10	340-88	1	Fitting-Straight
10:1	237-22	1	O-Ring
10:2	237-78	1	O-Ring
12	58-7190	1	Spring
13	3256-23	5	Washer-Plain
14	3253-4	5	Washer-Lock
15	93-1432	1	3 Spool Valve ASM
16	58-3830	5	Pin-Clevis
17	33093-00	2	Washer-Flat
18	58-4450	1	Lever
19	233-10	1	Knob-Lever
20	58-4460	1	Clevis
21	58-1570	2	Link
22	3272-1	8	Pin-Cotter
23	60-0550	1	Bushing
24	3217-6	5	Nut-Hex
26	32121-118	3	Pin-Roll
28	58-5520	1	Valve-Relief, Adjustable
29	322-9	1	Screw-HH
31	340-2	5	Fitting-Straight
31:1	237-22	1	O-Ring
31:2	237-42	1	O-Ring

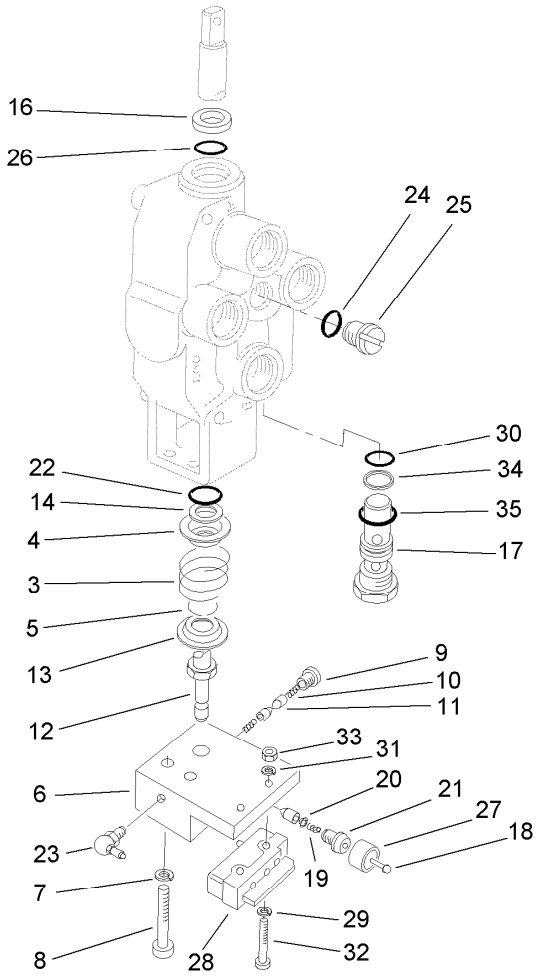
Ref.	Part Number	Qty.	Description
33	59-7130	1	Knob-Control, Speed
34	58-1510	1	Shaft
35	59-7910	1	Grommet
36	60-2110	2	Pin
38	340-80	1	Fitting-STR
38:1	237-123	1	O-Ring
38:2	340-65	1	O-Ring
40	58-2150	1	Block-Manifold
41	66-5410	1	Orifice
44	340-7	6	Fitting-Straight
44:1	237-65	1	O-Ring
44:2	237-80	1	O-Ring
46	43-5930	4	Washer-Lock, Spring
47	33113-016	2	Screw-HH
48	340-17	2	Fitting-Elbow, 90 DEG
48:1	237-65	1	O-Ring
48:2	237-80	1	O-Ring
49	58-3810	3	Pin-Clevis
50	58-1560	6	Link
51	48-7890	1	Nut-Hex
52	340-86	2	Fitting-Tee
52:1	237-22	2	O-Ring
52:2	237-42	1	O-Ring
53	93-7768	1	Coupling
54	52-6430	8	Washer
55	66-5860	1	Fitting-Elbow, 45 DEG
55:1	237-80	1	O-Ring



Valve Control Assembly (continued)

Ref.	Part Number	Qty.	Description
55:2	237-65	1	O-Ring
56	58-5490	1	Valve-Control, Flow
57	340-3	2	Fitting-Straight
57:1	237-22	1	O-Ring
57:2	237-79	1	O-Ring
59	58-1540	4	Spacer-Nylon
60	33113-050	2	Screw-HH
62	59-7410	1	Fitting-Diagnostic
62:1	237-42	1	O-Ring
63	353-947	3	Cap-Dust, Rubber
64	321-3	2	Screw-HH
65	3253-3	2	Washer-Lock
66	3217-5	2	Nut-Hex
67	63-4690-03	1	Bracket-Valve

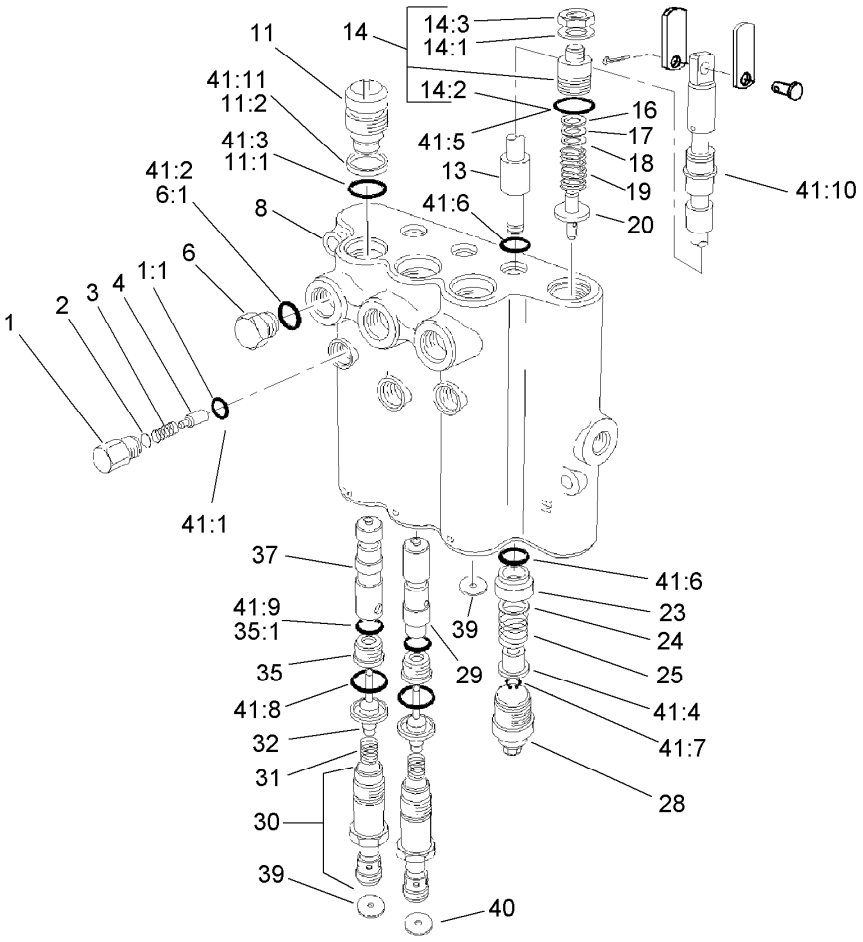
Ref.	Part Number	Qty.	Description
68	3296-8	2	Nut-Hex
69	340-87	1	Fitting-Elbow, 45 DEG
69:1	237-22	1	O-Ring
69:2	237-42	1	O-Ring
70	3256-22	2	Washer-Flat
71	321-11	2	Screw-HH
72	63-4700	1	Valve-Flow, Regulator
76	3256-24	2	Washer-Flat
77	92-9258	3	Adapter-Check
77:1	237-22	1	O-Ring
77:2	237-42	1	O-Ring
79	86-5480	2	Nipple-Test
81	340-159	1	Elbow-90
81:1	237-22	2	O-Ring



Valve Motor Spool Assembly No. 63-4800

Ref.	Part Number	Qty.	Description
3	59-8040	1	Spring
4	59-8080	1	Washer
5	59-8170	1	Washer
6	63-4820	1	Block-Detent
7	59-8070	2	Lockwasher
8	63-4830	2	Capscrew
9	59-8060	1	Plug
10	59-8050	2	Spring
11	59-8150	3	Pawl
12	63-4840	1	Screw-Detent
13	59-8100	1	Washer
14	59-8180	1	Washer
16	59-8190	1	Wiper
17	63-4780	1	Valve
18	63-4850	1	Plunger
19	63-4510	1	Spring

Ref.	Part Number	Qty.	Description
20	63-4860	1	Circlip
21	59-8230	1	Plug
22	59-7780	1	Ring
23	302-66	1	Fitting-Grease
24	59-8140	1	Ring
25	59-8160	1	Plug
26	59-8120	1	Ring
27	66-5420	1	Sleeve
28	60-4550	1	Switch-Micro
29	3256-13	2	Washer
30	63-4440	1	O-Ring
31	3253-19	2	Washer-Lock
32	66-5430	2	Screw
33	66-5440	2	Nut-Hex
34	59-7860	1	Washer
35	42-1220	1	O-Ring



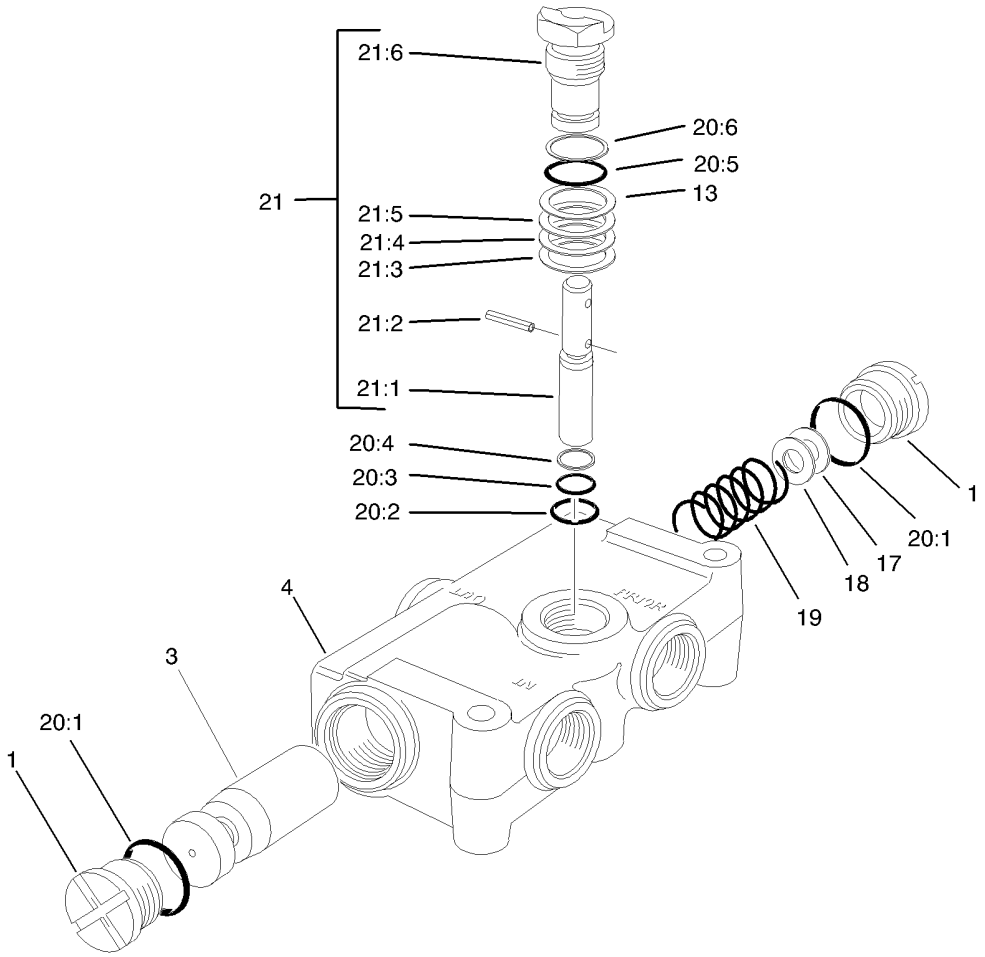
Control Valve Assembly No. 93-1432

Ref.	Part Number	Qty.	Description
1	58-6780	3	Plug
1:1	58-6790	1	O-Ring
2	60-6450	1	Disc
3	58-6760	3	Spring
4	58-6770	3	Plunger
6	353-508	3	Plug-HH
6:1	237-42	1	O-Ring
8		1	Body ■
11	58-6350	3	Plug
11:1	60-5720	1	O-Ring
11:2	58-6370	1	Washer
13		3	Spool ■
14	69-1830	1	Plug ASM
14:1		1	Washer ■
14:2	58-6750	1	O-Ring
14:3		1	Nut-Lock ■
16	58-6470	1	Washer
17	58-6480	1	Washer
18	58-6490	1	Washer
19	84-6450	1	Spring
20	58-6440	1	Poppet
23	58-6400	3	Bushing
24	58-6700	3	Washer

Ref.	Part Number	Qty.	Description
25	58-6730	3	Spring
28	58-6420	3	Cap
29	84-6430	1	Plunger
30	58-6380	3	Plug
31	58-6410	3	Spring
32	60-6440	3	Eyelet
35	58-6330	3	Seat
35:1	58-6340	1	O-Ring
37	84-6420	2	Plunger
39	84-6400	2	Disc-Orifice
40	84-6401	1	Disc-Orifice
41	60-3780	1	Seal Kit ●
41:1	58-6790	3	O-Ring
41:2	58-6720	3	O-Ring
41:3	60-5720	6	O-Ring
41:4	58-6310	6	Spacer
41:5	58-6750	1	O-Ring
41:6	58-6450	6	O-Ring
41:7	58-6460	3	Ring-Retaining
41:8	58-6290	3	Poppet
41:9	58-6340	3	O-Ring
41:10	58-6320	3	Wiper
41:11	58-6370	1	Washer

● Not illustrated

■ Not serviced separately

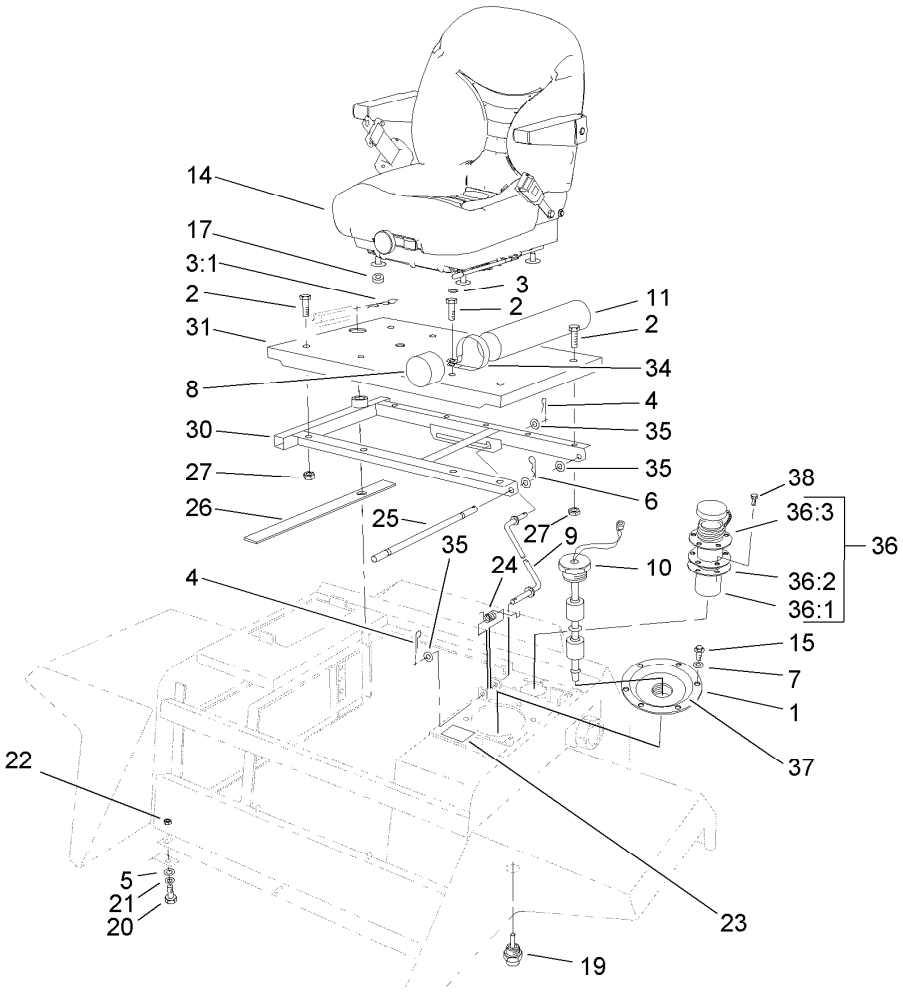


Priority Flow Control Valve Assembly No. 58-5490

Ref.	*Part Number*	*Qty.*	*Description*
1	59-7600	2	Plug
3		1	Spool ■
4		1	Body ■
13	59-7720	1	Washer
17	59-7750	1	Washer
18	59-7760	1	Washer
19	59-7770	1	Spring
20	63-4520	1	Seal Kit ●
20:1	59-7610	2	Ring
20:2	59-7640	1	Ring
20:3	59-7650	1	Ring
20:4	60-5950	1	Washer
20:5	59-7780	1	Ring
20:6	58-6370	1	Washer
21	94-8265	1	Plug-Metering
21:1		1	Stem-Metering ■
21:2		1	Pin-Groove ■
21:3		1	Shim ■
21:4		1	Shim ■
21:5		1	Shim ■
21:6		1	Plug-Metering ■

● Not illustrated

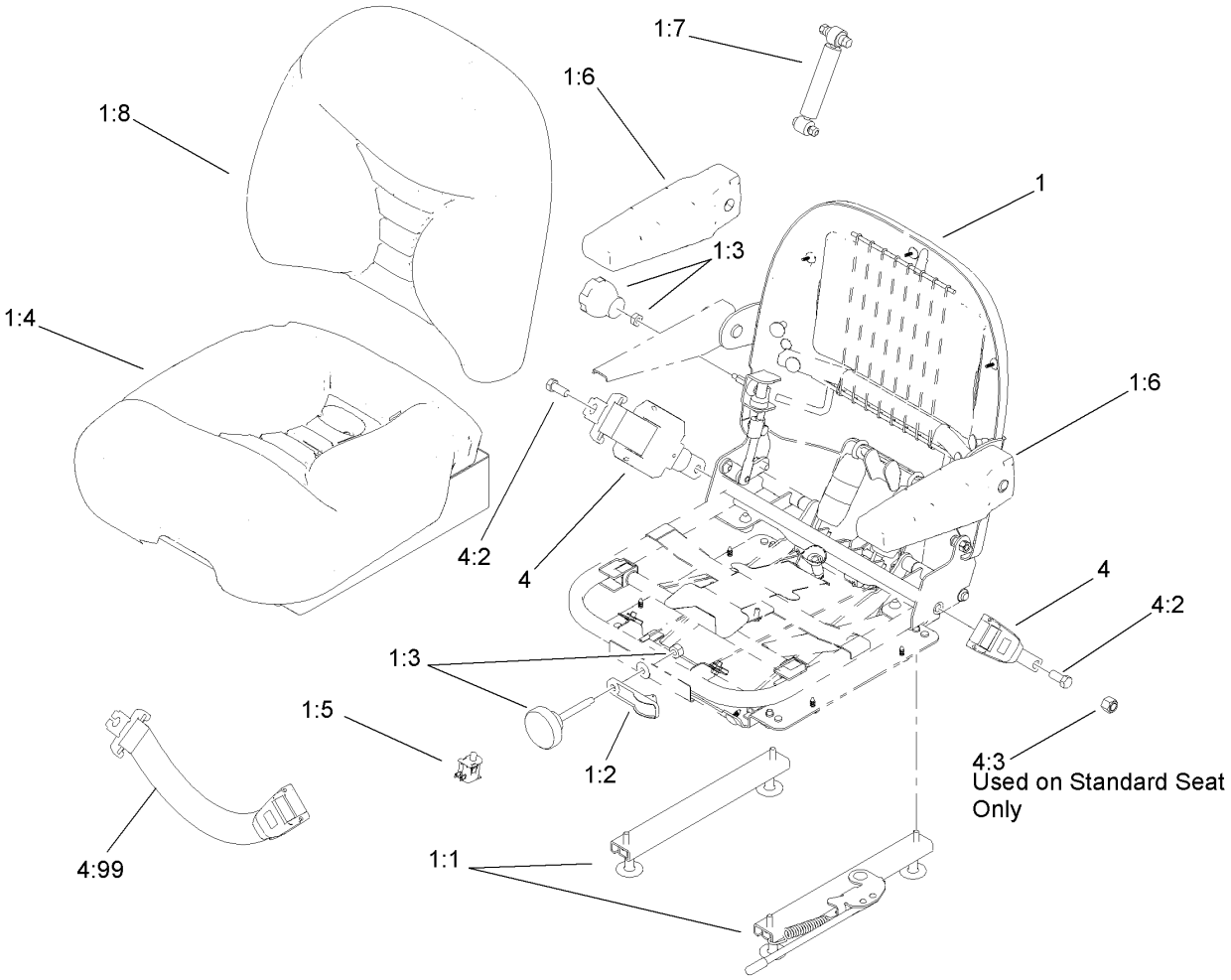
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Seat Platform and Filler Cap Assembly

Ref.	Part Number	Qty.	Description
1	92-9200	1	Cover
2	3234-5	6	Screw-HHF
3	60-2160	1	R-Clip ASM
3:1	3290-355	1	Pin-Hair
4	3272-11	2	Pin-Cotter
5	3256-24	2	Washer-Flat
6	3290-250	2	Pin-Cotter
7	3253-15	6	Washer-Lock
8	104-7048	1	Cap-Housing
9	58-1650	1	Rod-Seat
10	82-9340	1	Level Switch ASM
11	104-7050	1	Tube-Manual
14	110-0838	1	Deluxe Seat ASM
15	46-0670	6	Screw-PPH
17	26-4840	4	Spacer-Pin, Mounting
19	60-5580	1	Switch-Temperature
20	323-7	2	Screw-HH

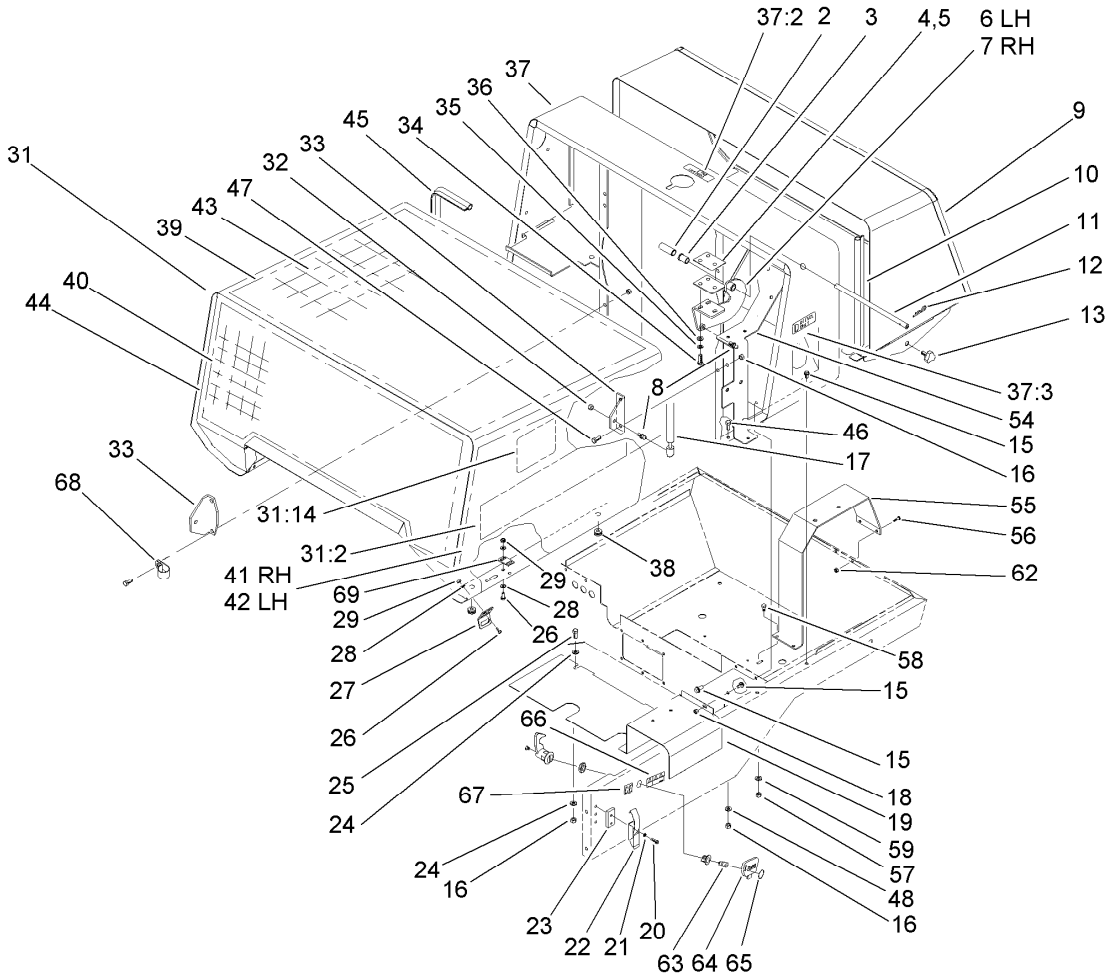
Ref.	Part Number	Qty.	Description
21	3253-21	2	Washer-Lock
22	32128-21	2	Nut-HF Lock
23	93-6686	1	Decal-Oil, HYD
24	60-0050	1	Spring-Tray, Seat
25	58-1640	1	Pin-Pivot, Seat
26	68-7850	1	Strip-Sealing
27	32128-20	10	Nut-HF
30	58-1580-03	1	Frame-Seat
31	58-9830-03	1	Plate-Seat
34	2412-133	2	Clamp-R
35	3256-24	4	Washer-Flat
36	71-4040	1	HYD Filler ASM
36:1	62-2610	1	Strainer-Cap, Filler
36:2	353-963	2	Gasket
36:3	353-961	1	Flange
37	58-6820	1	Gasket
38	32144-107	6	Screw



Deluxe Seat Assembly No. 110-0838

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Seat-Suspension ●
1:1	107-1880	1	Seat Track Kit
1:2	107-1885	1	Weight Indicator Kit
1:3	107-1881	1	Knob Kit
1:4	107-1883	1	Bottom Cushion Kit
1:5	82-2190	1	Switch-Bail
1:6	107-1887	1	Pad-Armrest
1:7	107-1884	1	Shock Absorber Kit
1:8	112-8356	1	Cushion-Back
4	110-0883	1	Retractable Seatbelt Kit
4:2	3212-4	2	Screw-HH
4:3	3296-7	2	Nut-Lock
4:99	109-6226	1	Seat Belt Extension Kit

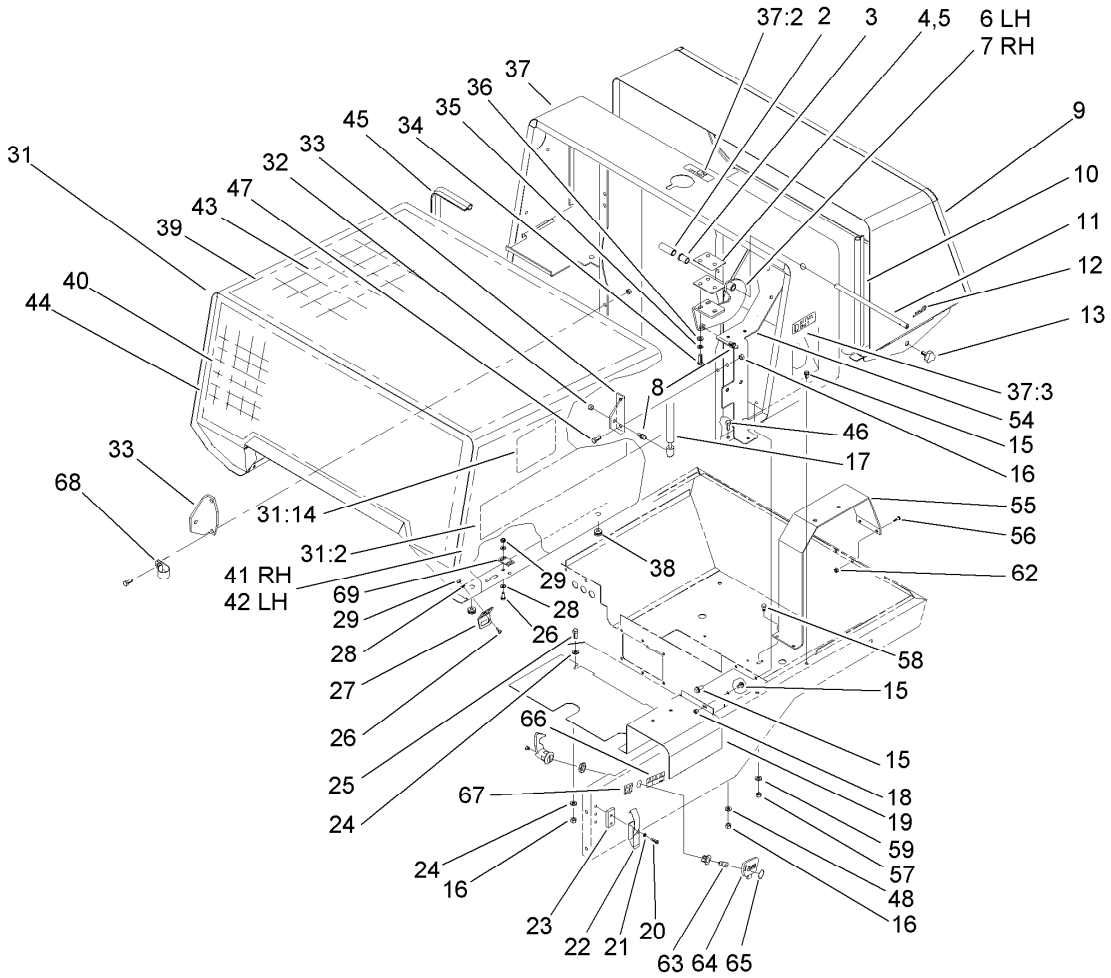
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Hood Assembly

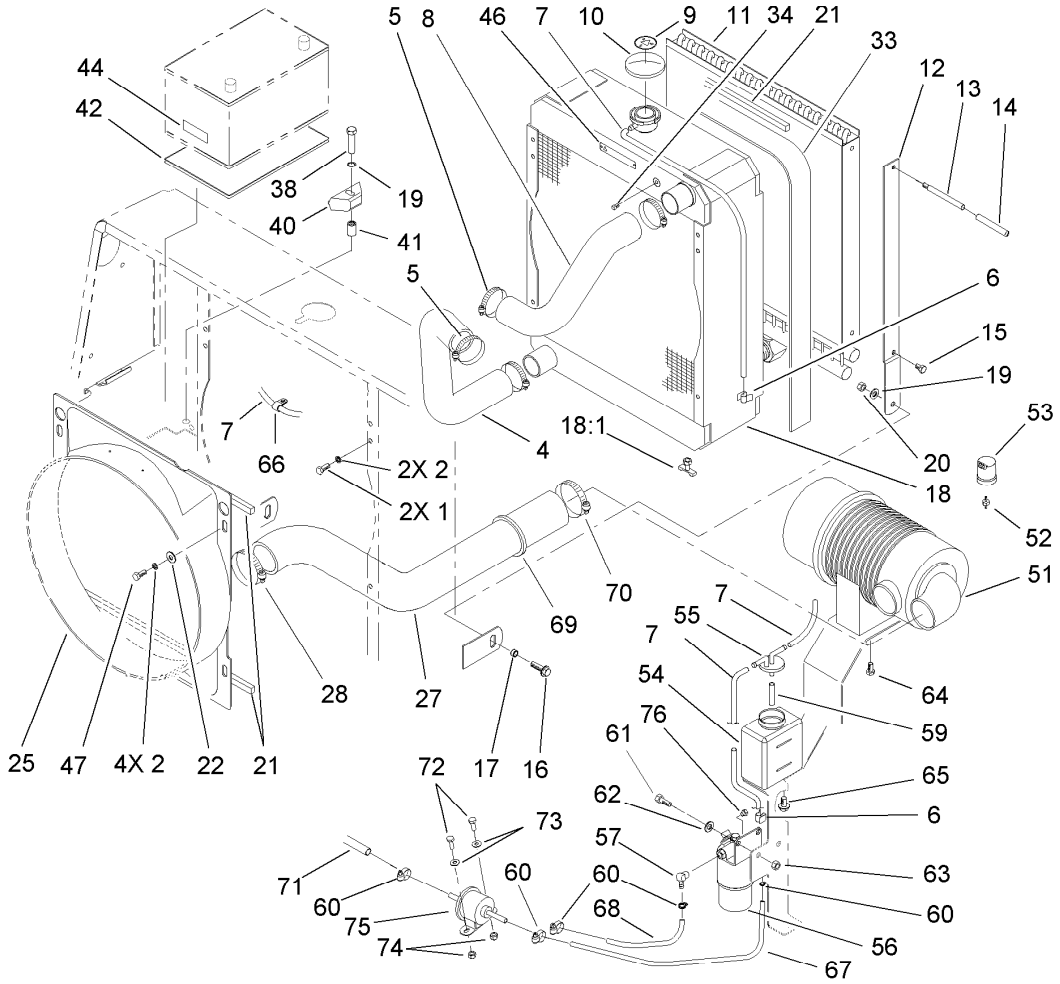
Ref.	Part Number	Qty.	Description
2	92-5655	2	Tube-Canopy
3	58-3930	2	Bushing-Oilite
4	58-5330	2	Spacer-Hinge, Canopy
5	58-5350	2	Spacer-Hinge, Canopy
6	58-1970-01	1	Plate-Hinge, Left
7	58-1980-01	1	Plate-Hinge, Right
8	86-6130	4	Ball-Stud
9	92-6086	1	Rear Screen ASM
10	92-5253	1	Strip-Sealing
11	58-3910	2	Pin-Hinge, Canopy
12	3290-355	2	Pin-Hair
13	77-3620	2	Knob-Retainer
15	3234-13	9	Screw-HHF
16	3296-29	9	Nut-Lock, NI
17	88-6760	2	Spring-Gas
18	3296-56	1	Nut-Lock, NI
19	105-3330-03	1	Baffle-Body, Lower
20	3250-25	4	Screw-PPH
21	3253-2	4	Washer-Lock
22	58-5380	2	Latch-Draw
23	58-7070-03	2	Spacer-Latch, RH
24	3256-23	2	Washer-Plain
25	322-3	1	Screw-HH
26	3250-31	10	Screw-PPH
27	68-6040	2	Bracket
28	3256-51	12	Washer-Flat
29	3296-27	10	Nut-Lock, NI
31	106-7074	1	Canopy-Front

Ref.	Part Number	Qty.	Description
31:2	106-7060	2	Decal
31:14	66-6140	2	Decal
32	48-9510	2	Nut
33	92-5652-03	2	Bracket
34	33114-025	6	Screw-HH
35	42-9850	6	Washer-Lock, Spring
36	33094-00	6	Washer-Plain
37	105-3325	1	Center Canopy ASM
37:2	93-9404	1	Decal-Only, Coolant
37:3	93-6680	1	Decal-Diesel
38	237-141	4	Grommet-Rubber
39	92-5678	1	Foam-Hood, Top
40	92-5679	1	Foam-Hood, Front
41	92-5680	1	Foam-Hood, RH
42	92-5681	1	Foam-Hood, LH
43	92-5672-03	1	Support-Foam, Canopy
44	92-5673-03	1	Support-Foam, Front
45	92-6060	1	Strip-Sealing
46	322-5	4	Screw-HH
47	322-4	4	Screw-HH
48	3256-3	4	Washer-Flat
54	104-5230-03	1	Bracket-Fuel
55	94-8226-03	1	Bracket-Cleaner, Air
56	32122-42	2	Screw
57	3296-42	2	Nut-Lock, NI
58	321-3	2	Screw-HH
59	3256-22	2	Washer-Flat
62	3296-56	2	Nut-Lock, NI



Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
63	98-5398	1	Latch
64	99-8970	1	Key-Latch, Hood
65	98-9321	1	Ring-Key
66	100-6574	1	Decal-Warning
67	93-7252	1	Decal
68	2412-109	1	Clip-J
69	105-9270	1	Plate-Strike

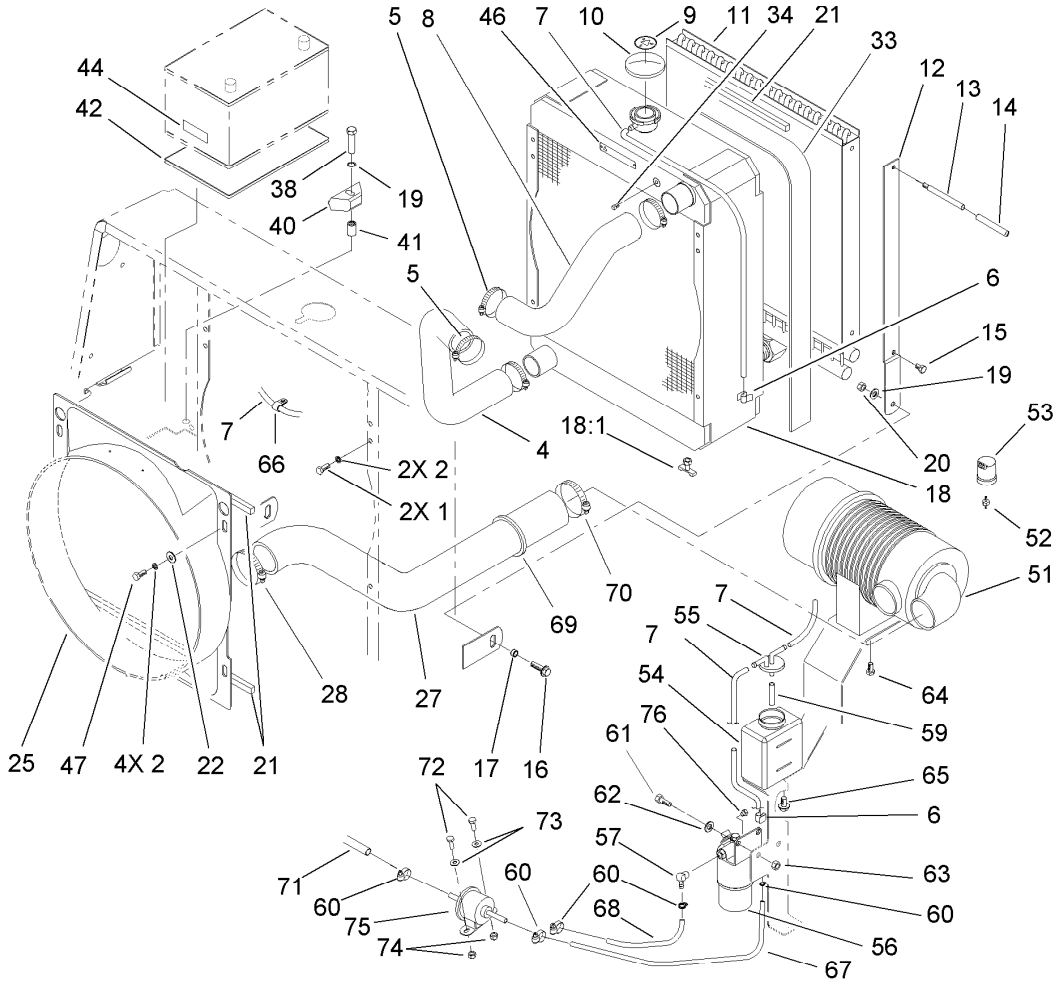


Radiator, Oil Cooler and Air Cleaner Assembly

Ref.	Part Number	Qty.	Description
1	322-3	2	Screw-HH
2	3253-4	6	Washer-Lock
4	98-1215	1	Hose-Lower, Radiator
5	2412-92	4	Clamp-Hose
6	104-5232	4	Clip-Wire
7	98-7895	2	Tube
8	98-1214	1	Hose-Radiator, Upper
9	59-8440	1	Decal-Pressure Warning, Radiator
10	58-5420	1	Cap-Pressure
11	58-5540	1	Cooler-Oil
11:1	340-65	2	O-Ring ●
12	92-4753-03	2	Strap-Cooler, Oil
13	75-7790	2	Handle
14	47-2550	2	Grip-Handle, Bag
15	48-7680	2	Screw-HH
16	3234-11	2	Screw-HHF
17	76-2290	2	Spacer
18	92-4729	1	Radiator ASM
18:1	304-46	1	Draincock
19	3256-24	3	Washer-Flat
20	3296-39	2	Nut-Lock, NI
21	68-7575	3	Strip-Sealing

Ref.	Part Number	Qty.	Description
22	99-2900	4	Washer-Flat
25	98-1250	1	Shroud-Fan
27	98-1234	1	Hose-Intake
28	2412-42	1	Clamp-Hose
33	92-6062	1	Foam-Seal, Radiator
34	281-2	1	Plug-Pipe, SQH
38	323-9	1	Screw-HH
40	66-2490	1	Retainer-Battery
41	32148-9	1	Nut-Clinch
42	93-1420	1	Tray-Battery
44	93-6668	1	Decal-Battery
46	93-6681	1	Decal-Warning, Fan
47	322-4	4	Screw-HH
51	100-2597	1	Air Filter ASM
52	94-1416	1	Adapter-Indicator
53	69-1940	1	Indicator-Electrical
54	93-2049	1	Tank-Overflow
55	93-2048	1	Cap-Tank, Overflow
56	104-5218	1	Water / Fuel Separator Filter ASM
57	353-781	2	Fitting-HYD, 90
59	108-3283	1	Hose-Fuel
60	2412-108	5	Clamp-Worm

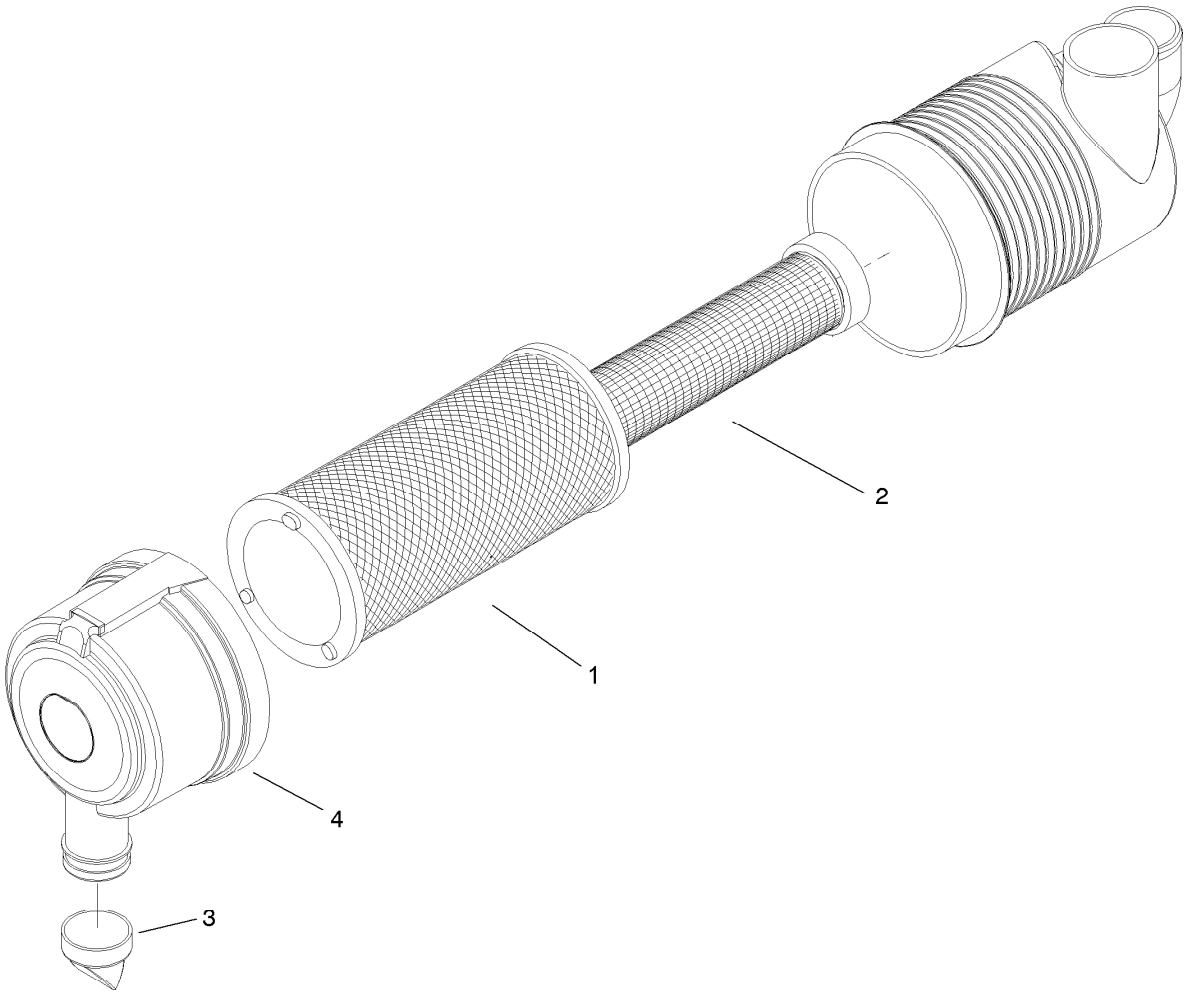
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Radiator, Oil Cooler and Air Cleaner Assembly (continued)

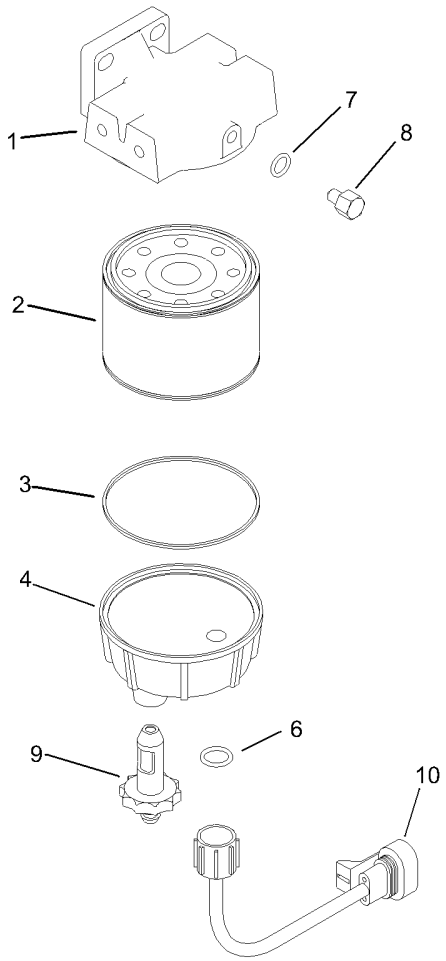
Ref.	Part Number	Qty.	Description
61	322-5	2	Screw-HH
62	3256-23	2	Washer-Plain
63	3296-29	2	Nut-Lock, NI
64	33104-016	2	Screw-HHF
65	33114-016	2	Screw-HH
66	92-6064	1	Clamp-R
67	110-4110	1	Hose-LP
68	110-3257	1	Hose-Fuel
69	98-7896	1	Trim-Lok
70	2412-125	1	Clamp-Hose
71	110-4114	1	Hose-Fuel
72	321-4	2	Screw-HH
73	3256-1	2	Washer-Flat
74	3296-42	2	Nut-Lock, NI
75	107-0122	1	Pump-Fuel, Electric
76	281-13	2	Plug-Pipe

● Not illustrated



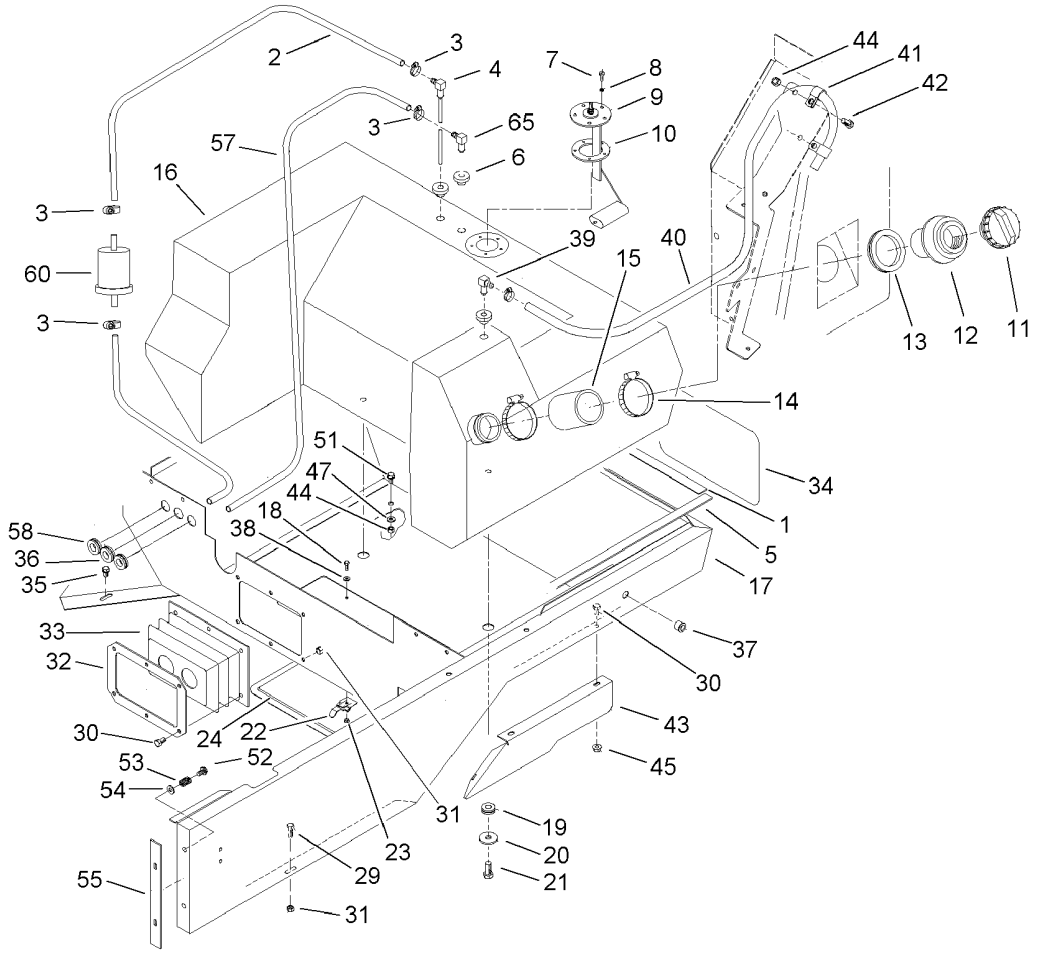
Air Filter Assembly No. 100-2597

Ref.	*Part Number*	*Qty.*	*Description*
1	108-3812	1	Filter-Air
2	108-3813	1	Element-Safety, Air Cleaner
3	87-9400	1	Valve-Vacuator
4	108-1448	1	Cover ASM



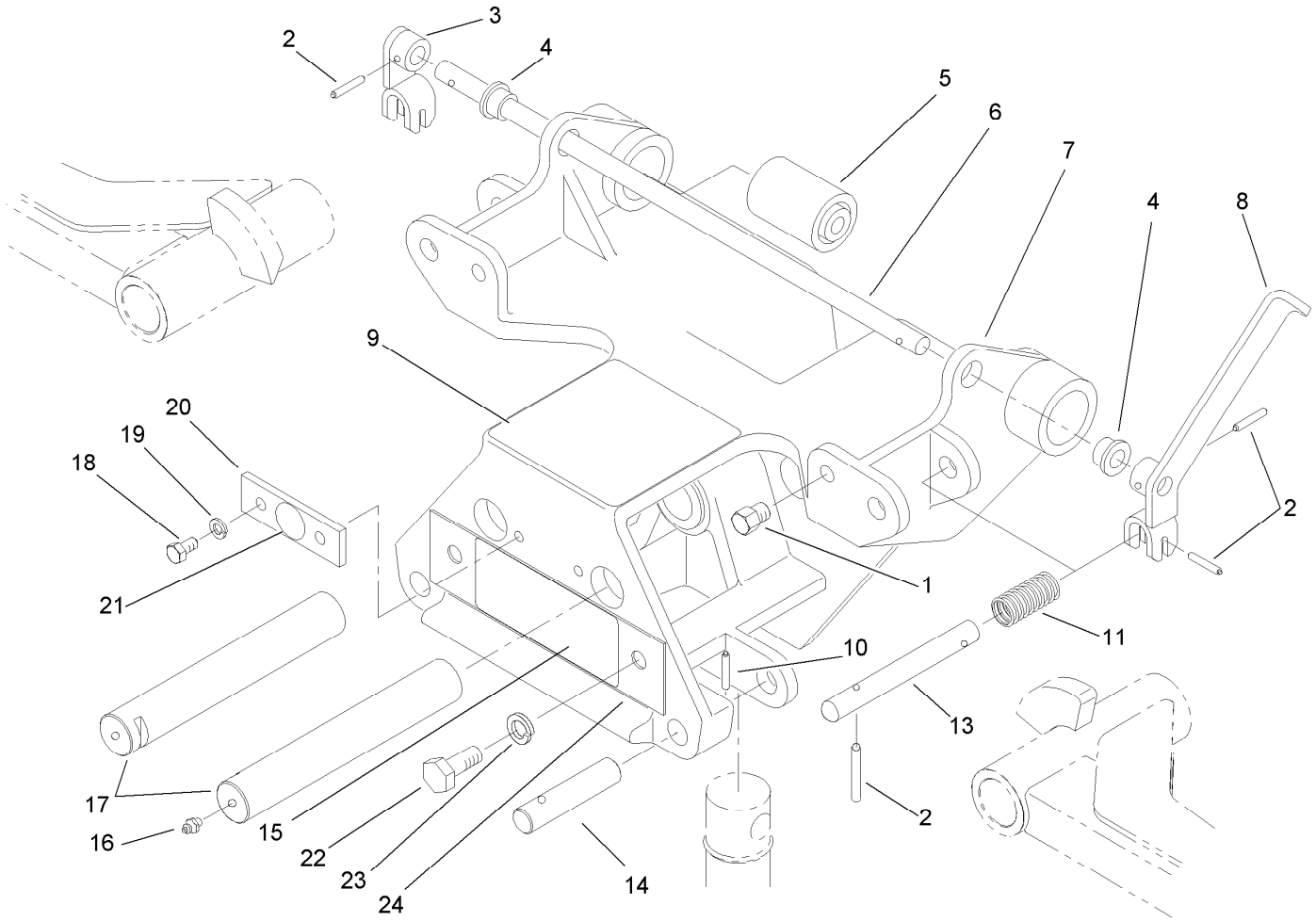
Fuel Filter Assembly No. 104-5218

Ref.	*Part Number*	*Qty.*	*Description*
1	98-9772	1	Head-Filter
2	98-9764	1	Element
3	98-9774	1	O-Ring
4	98-9775	1	Base-Filter
6	237-42	1	O-Ring
7	237-78	1	O-Ring
8	98-9776	1	Plug-Head, Filter
9	98-9777	1	Drain Valve ASM
10	110-0048	1	Water Sensor ASM



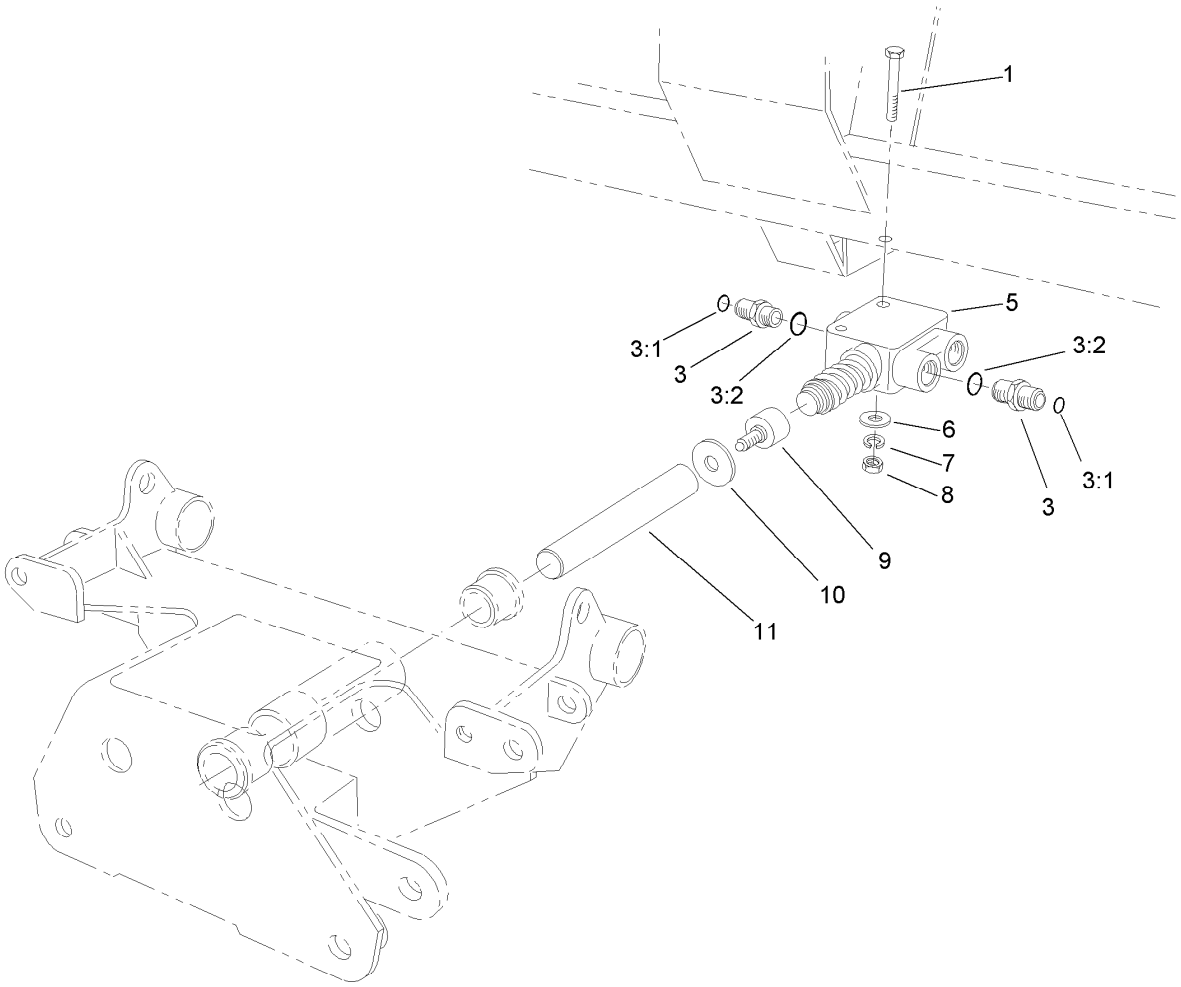
Fuel Tank and Lower Body Assembly

Ref.	Part Number	Qty.	Description
1	92-5671	1	Strip-Sealing
2	108-3283	1	Hose-Fuel
3	2412-108	6	Clamp-Worm
4	92-9266	1	Standpipe
5	92-5670	2	Strip-Sealing
6	46-6560	3	Bushing
7	32122-24	5	Screw-PTH
8	3253-15	5	Washer-Lock
9	92-9267	1	Sender-Fuel
10	62-7650	1	Gasket
11	93-3102	1	Cap-Fuel
12	92-5674	1	Neck-Fill, Fuel
13	92-5675	1	Grommet
14	2412-42	2	Clamp-Hose
15	92-9272	1	Hose-Fill, Fuel
16	93-1402	1	Tank-Fuel
17	104-5266-03	1	Body-Lower
18	32144-1	4	Screw-Taptite
19	240-11	2	Bushing-Flange
20	63-8410	2	Washer
21	323-5	2	Screw-HH
22	52-9590	4	Latch-Screen
23	3296-12	4	Nut-Lock, NI
24	92-5654-03	1	Panel-Out, Clean
29	3234-4	1	Screw-HHF
30	321-2	9	Screw-HH
31	3296-56	7	Nut-Lock, NI
32	92-5653-03	1	Ring-Clamp
33	92-5269	1	Bellows
34	92-1242	1	Decal
35	3234-13	2	Screw-HHF
36	240-9	2	Grommet
37	32148-9	2	Nut-Clinch
38	3256-51	4	Washer-Flat
39	46-6550	1	Fitting-Elbow, 90 DEG
40	110-4112	1	Hose-Fuel
41	92-6064	2	Clamp-R
42	322-3	2	Screw-HH
43	92-6069-03	1	Shield-Exhaust
44	3296-29	4	Nut-Lock, NI
45	32128-33	3	Nut-HF
47	3256-23	2	Washer-Plain
51	3234-17	2	Screw-HHF
52	94-8270	4	Bolt-Shoulder
53	63-4220	4	Spring-Compression
54	3256-78	4	Washer-Flat
55	94-8258	2	Strip-Seal
57	110-5688	1	Hose-Fuel
58	60-4350	1	Grommet
60	98-7612	1	Filter-Fuel
65	104-5228	1	Fitting-Elbow, 90 DEG



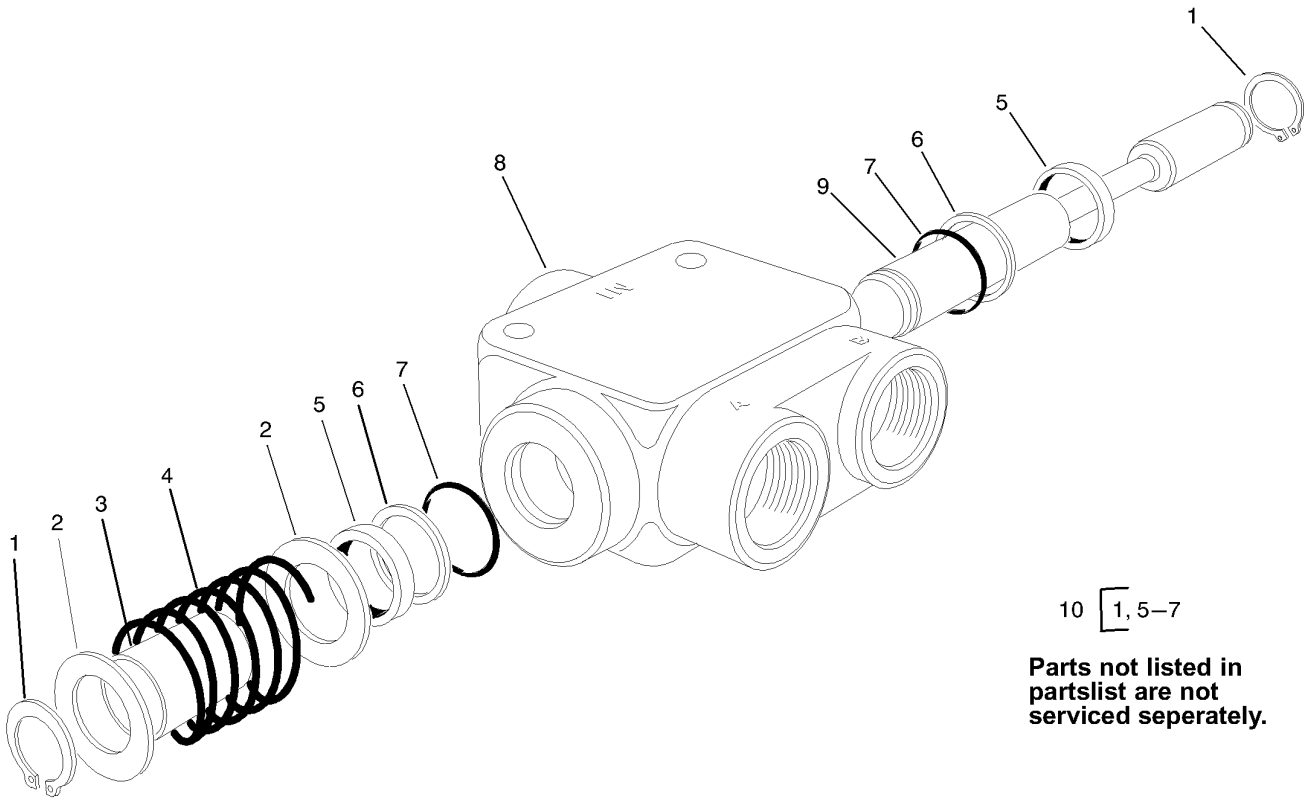
Front Carrier Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	82-9250	2	Stud-Threaded
2	60-2000	6	Pin
3	60-1750-03	1	Lever-Latching, RH
4	60-1990	2	Bushing
5	47-7010	2	Bushing-Rubber
6	60-1820	1	Shaft-Pivot, Latch
7	74-2920-03	1	Carrier-Front
8	60-1780-03	1	Lever-Latching, LH
9	82-9370	1	Pad-Step, Front
10	32121-84	2	Pin-Spiral
11	60-0670	2	Spring
13	82-9360	2	Rod-Latch
14	58-2720	2	Pin
15	93-9400	1	Decal-Danger
16	302-5	2	Fitting-Grease
17	60-0090	2	Pin-Pivot
18	322-2	2	Screw-HH
19	3253-4	2	Washer-Lock
20	60-0190	1	Strip
21	58-6520	1	Decal-Grease
22	325-2	2	Screw-HH
23	3253-7	2	Washer-Lock
24	84-6480	1	Plate-Decal



Front Reel Shut-Off Assembly

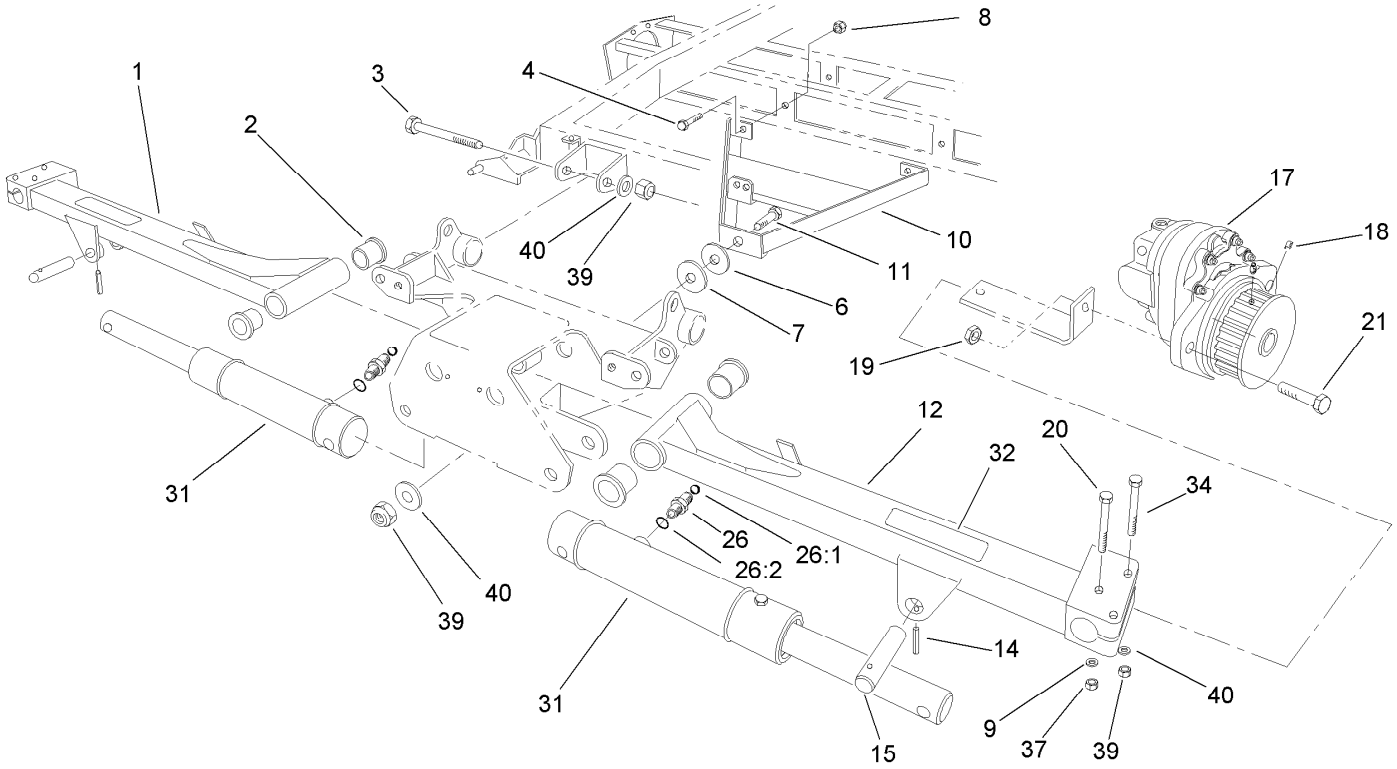
Ref.	*Part Number*	*Qty.*	*Description*
1	322-12	2	Screw-HH
3	340-7	3	Fitting-Straight
3:1	237-65	1	O-Ring
3:2	237-80	1	O-Ring
5	58-5460	1	Valve-Selector
6	3256-23	2	Washer-Plain
7	3253-4	2	Washer-Lock
8	3217-6	2	Nut-Hex
9	59-7140	1	Bushing-Rubber
10	3256-68	3	Washer-Flat
11	60-0300	1	Rod-Push



Reel Shut-Off Valve Assembly No. 58-5460

Ref.	*Part Number*	*Qty.*	*Description*
2	59-7820	2	Washer
3		1	Spacer ●
4	59-7840	1	Spring
8		1	Body ●
9		1	Spool ●
10	59-7890	1	Seal Repair Kit

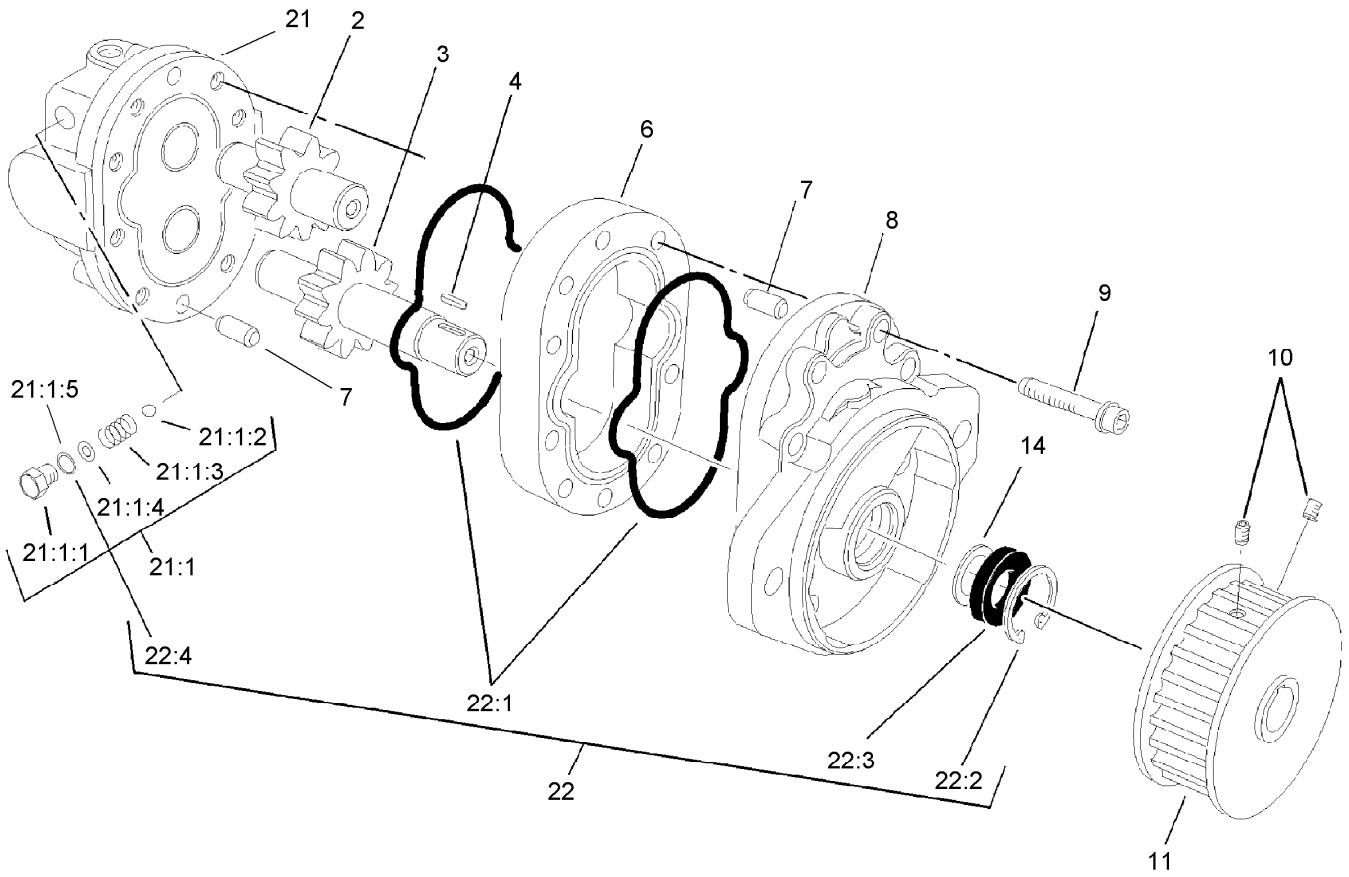
● Not serviced separately



Front Lift Arm and A-Frame Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	92-9291-01	1	Arm-Lift, No. 3
2	68-6480	4	Bushing-Flange
3	325-17	2	Screw-HH
4	323-7	2	Screw-HH
6	52-6180	3	Spacer
7	60-3250	1	Washer
8	3290-357	2	Nut-HHF, Whiz
9	3256-56	2	Washer-Flat
10	92-9246-03	1	A-Frame
11	325-7	1	Screw-HH
12	92-9290-01	1	Arm-Lift, No. 2
14	60-1280	2	Pin
15	58-4380	2	Pin
17	93-1412	2	HYD Motor ASM

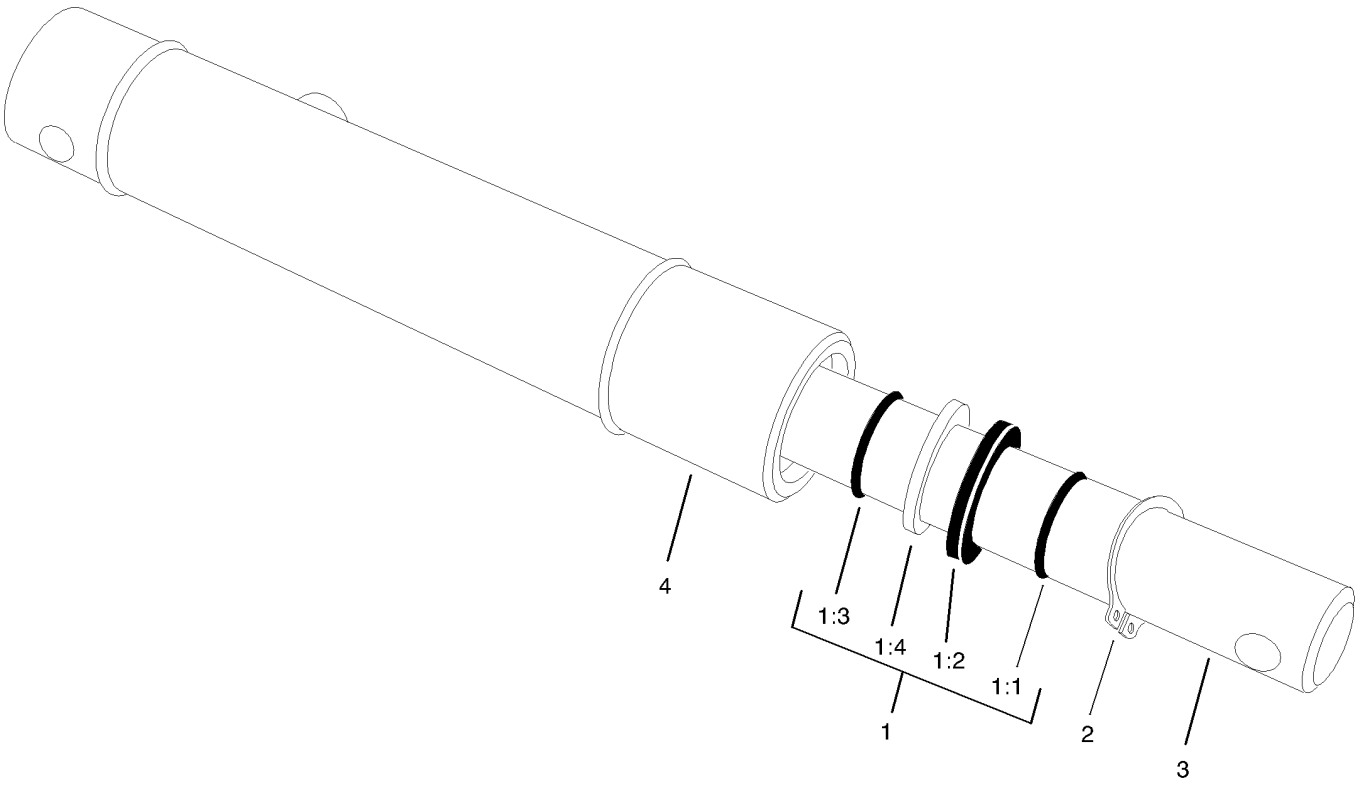
Ref.	*Part Number*	*Qty.*	*Description*
18	3246-17	4	Setscrew-HSH
19	3296-48	2	Nut-Hex
20	323-14	2	Screw-HH
21	324-6	2	Screw-HH
26	340-87	2	Fitting-Elbow, 45 DEG
26:1	237-22	1	O-Ring
26:2	237-42	1	O-Ring
31	104-5225	2	Cylinder-HYD
32	93-7331	2	Decal-Warning
34	325-34	4	Screw-HH
37	3296-39	2	Nut-Lock, NI
39	3296-23	7	Nut-Lock, NI
40	3256-26	7	Washer-Flat



Reel Motor Assembly No. 93-1412

Ref.	*Part Number*	*Qty.*	*Description*
2	66-5750	1	Idler Gear ASM
3	66-5760	1	Drive Gear ASM
4	47-2380	1	Key-Square
6	66-5740	1	Body ASM
7	42-2010	2	Pin-Dowel
8	66-5730	1	Front Plate ASM
9	66-5770	8	Capscrew
10	3246-17	2	Setscrew-HSH
11	47-7150	1	Pulley-Drive
14	60-5890	1	Washer
21	92-9259	1	Backplate ASM
21:1	92-9260	1	Relief Valve Kit
21:1:1		2	Plug ●
21:1:2		2	Ball ●
21:1:3		2	Spring ●
21:1:4		2	Shim ●
21:1:5	237-42	2	O-Ring
22	93-1413	1	Seal Kit
22:1	59-8420	2	Ring
22:2	59-8320	1	Ring-Retaining
22:3	66-5710	1	Seal-Shaft
22:4		2	O-Ring ●

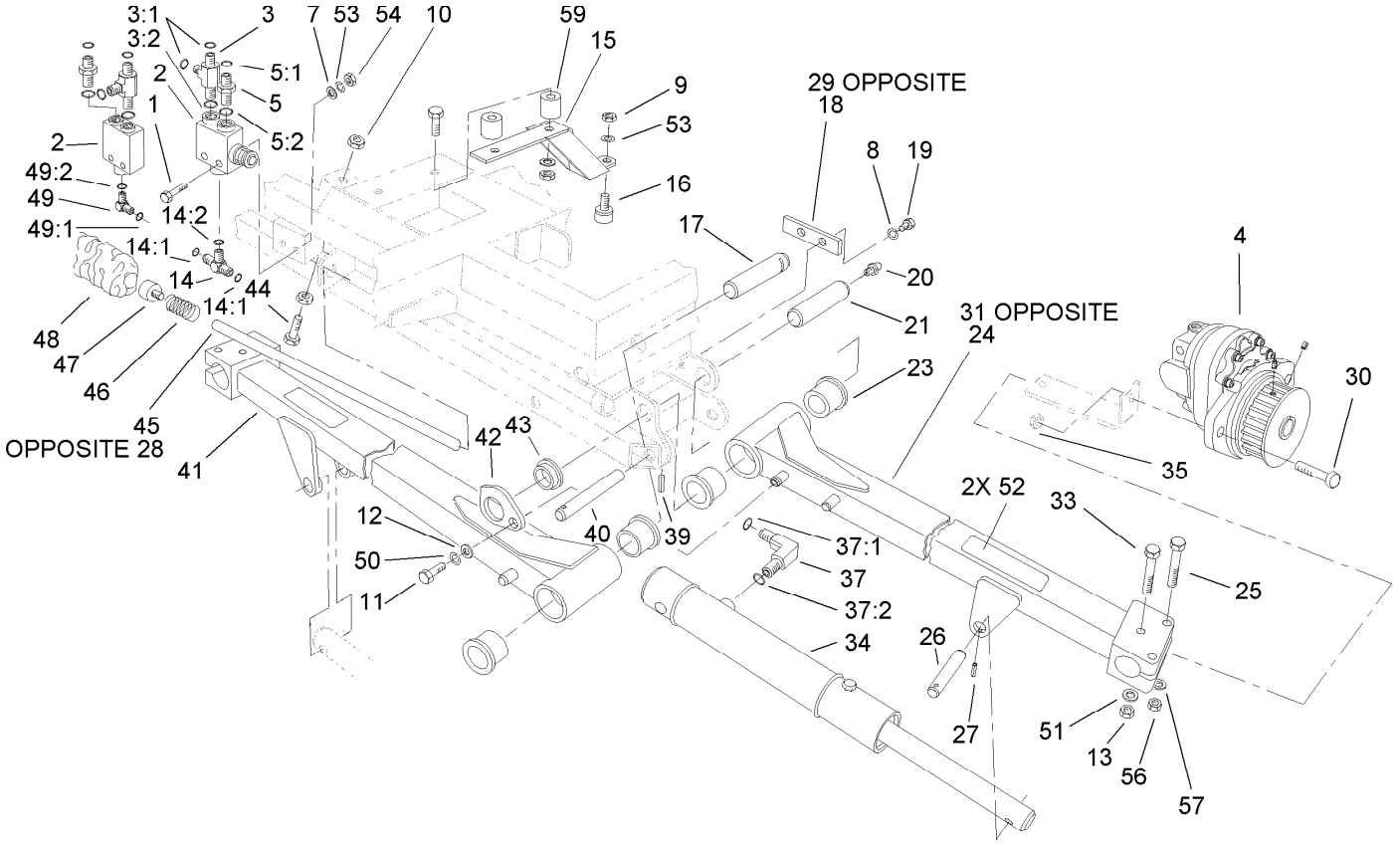
● Not serviced separately



Hydraulic Cylinder Assembly No. 104-5225

Ref.	*Part Number*	*Qty.*	*Description*
1	104-5227	1	Repair Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Seal-Rod ●
1:4		1	Seal-Dust ●
2	76-0050	1	Ring-Retaining
3		1	Rod ●
4		1	Barrel ●

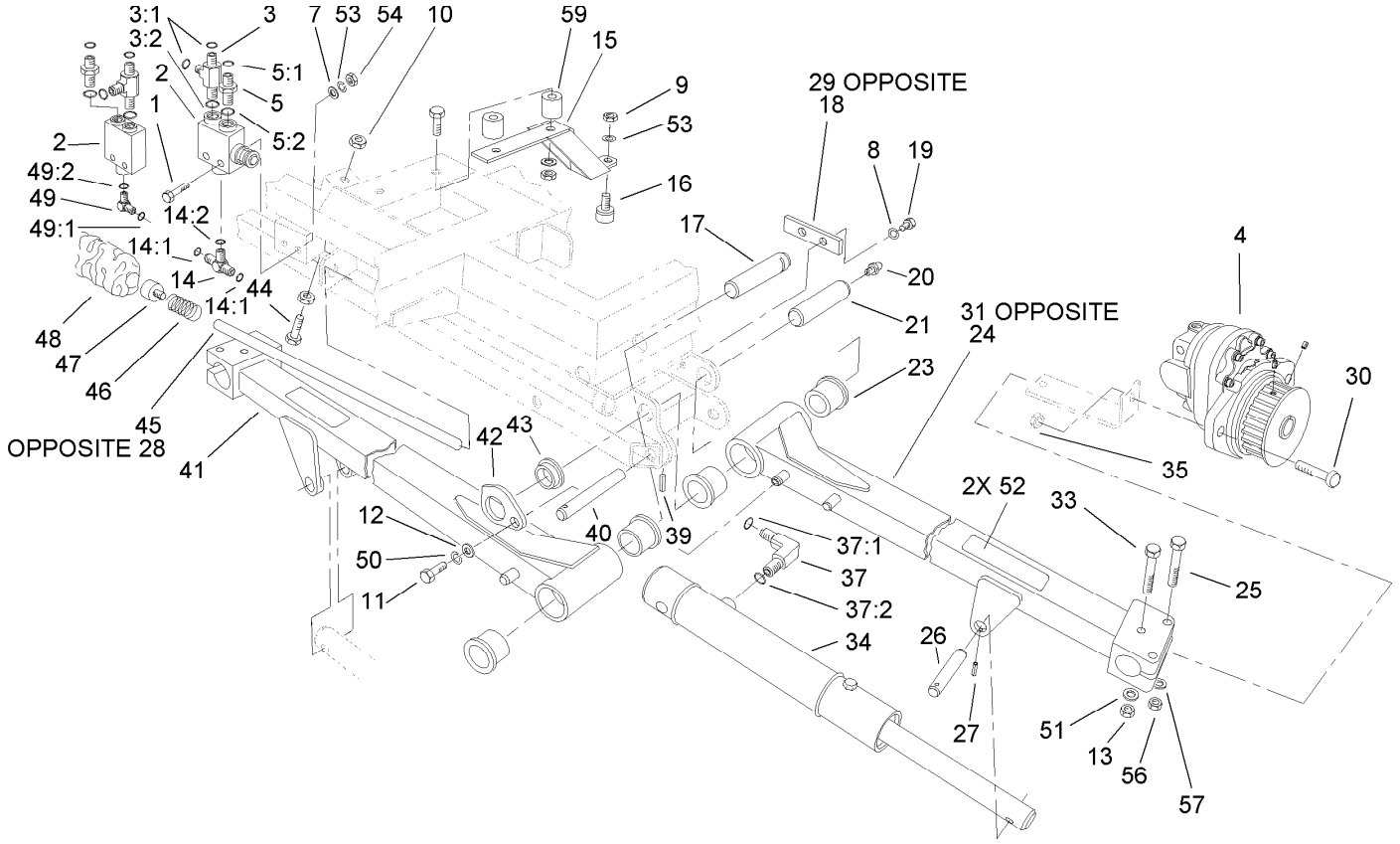
● Not serviced separately



Rear Lift Arm and Shut-Off Assembly

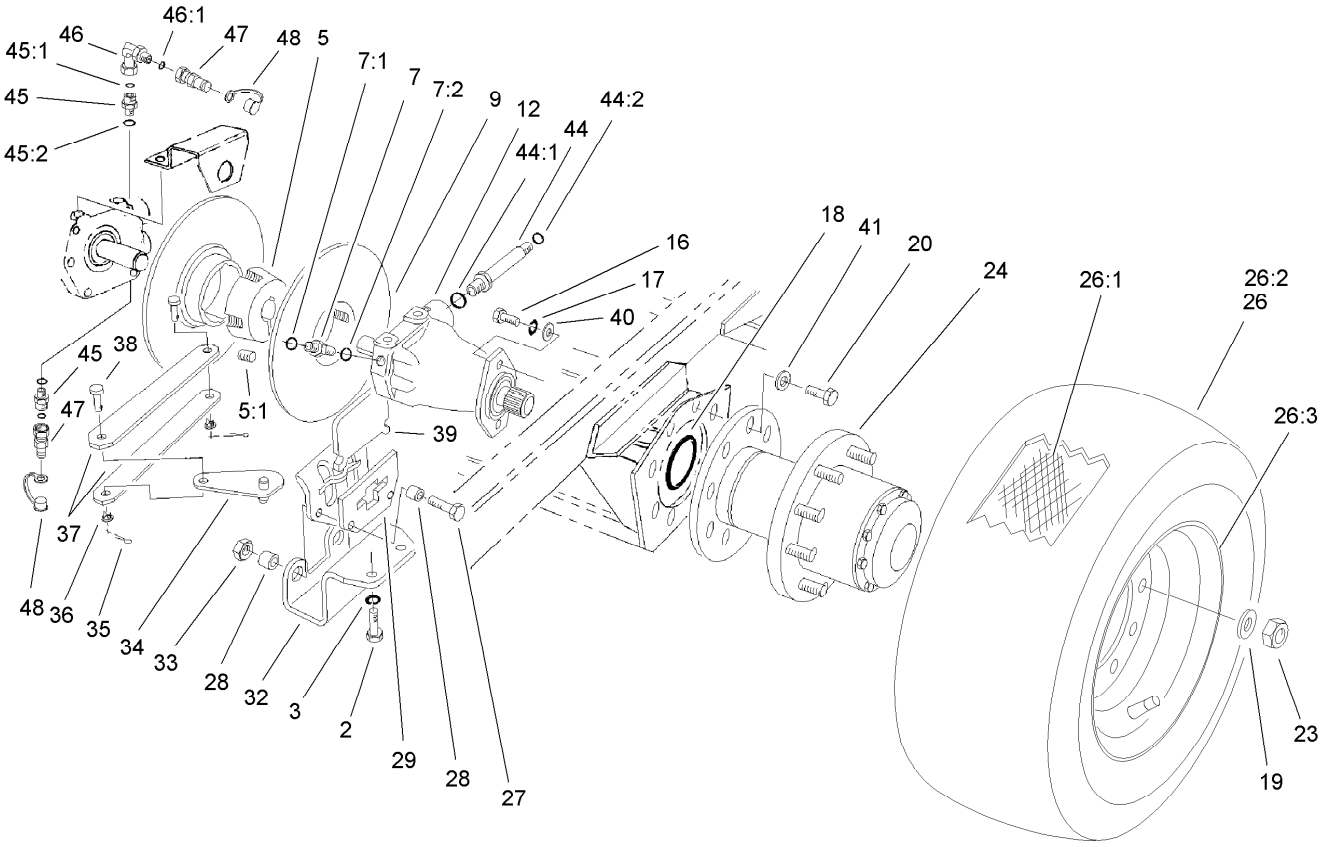
Ref.	Part Number	Qty.	Description
1	322-12	4	Screw-HH
2	58-5460	2	Valve-Selector
3	340-22	2	Fitting-Tee
3:1	237-65	2	O-Ring
3:2	237-80	1	O-Ring
4	93-1412	3	HYD Motor ASM
5	340-7	2	Fitting-Straight
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
7	3256-23	4	Washer-Plain
8	42-9850	4	Washer-Lock, Spring
9	33014-00	2	Nut-Hex
10	48-9530	2	Nut
11	323-6	2	Screw-HH
12	3256-3	2	Washer-Flat
13	3296-39	3	Nut-Lock, NI
14	340-93	1	Tee-Adapter
14:1	237-65	2	O-Ring
14:2	237-80	1	O-Ring
15	105-9271-01	2	Bracket-Bumper
16	48-3280	2	Stop-Bump
17	60-0090	1	Pin-Pivot
18	60-0190	1	Strip
19	33114-016	4	Screw-HH
20	302-5	3	Fitting-Grease
21	60-0100	2	Pin-Pivot
23	68-6480	6	Bushing-Flange
24	92-9296-01	1	Arm-Lift, No. 4

Ref.	Part Number	Qty.	Description
25	325-34	6	Screw-HH
26	58-4380	3	Pin
27	60-1280	3	Pin
28	60-1350	1	Rod-Push
29	60-1640	1	Strip
30	324-6	3	Screw-HH
31	92-9297-01	1	Arm-Lift, No. 5
33	323-14	3	Screw-HH
34	104-5225	3	Cylinder-HYD
35	3296-48	3	Nut-Hex
37	340-77	3	Fitting-Elbow, 90 DEG
37:1	237-22	1	O-Ring
37:2	237-42	1	O-Ring
39	32121-84	3	Pin-Spiral
40	58-2720	3	Pin
41	92-9289-01	1	Arm-Lift, No. 1
42	58-9210	2	Cam
43	60-0080	2	Bushing
44	53-5940	1	Screw
45	60-1340	1	Rod-Push
46	58-3570	2	Spring
47	59-7140	2	Bushing-Rubber
48	58-9630	2	Sleeve
49	340-17	1	Fitting-Elbow, 90 DEG
49:1	237-65	1	O-Ring
49:2	237-80	1	O-Ring
50	3253-5	2	Washer-Lock
51	3256-56	3	Washer-Flat



Rear Lift Arm and Shut-Off Assembly (continued)

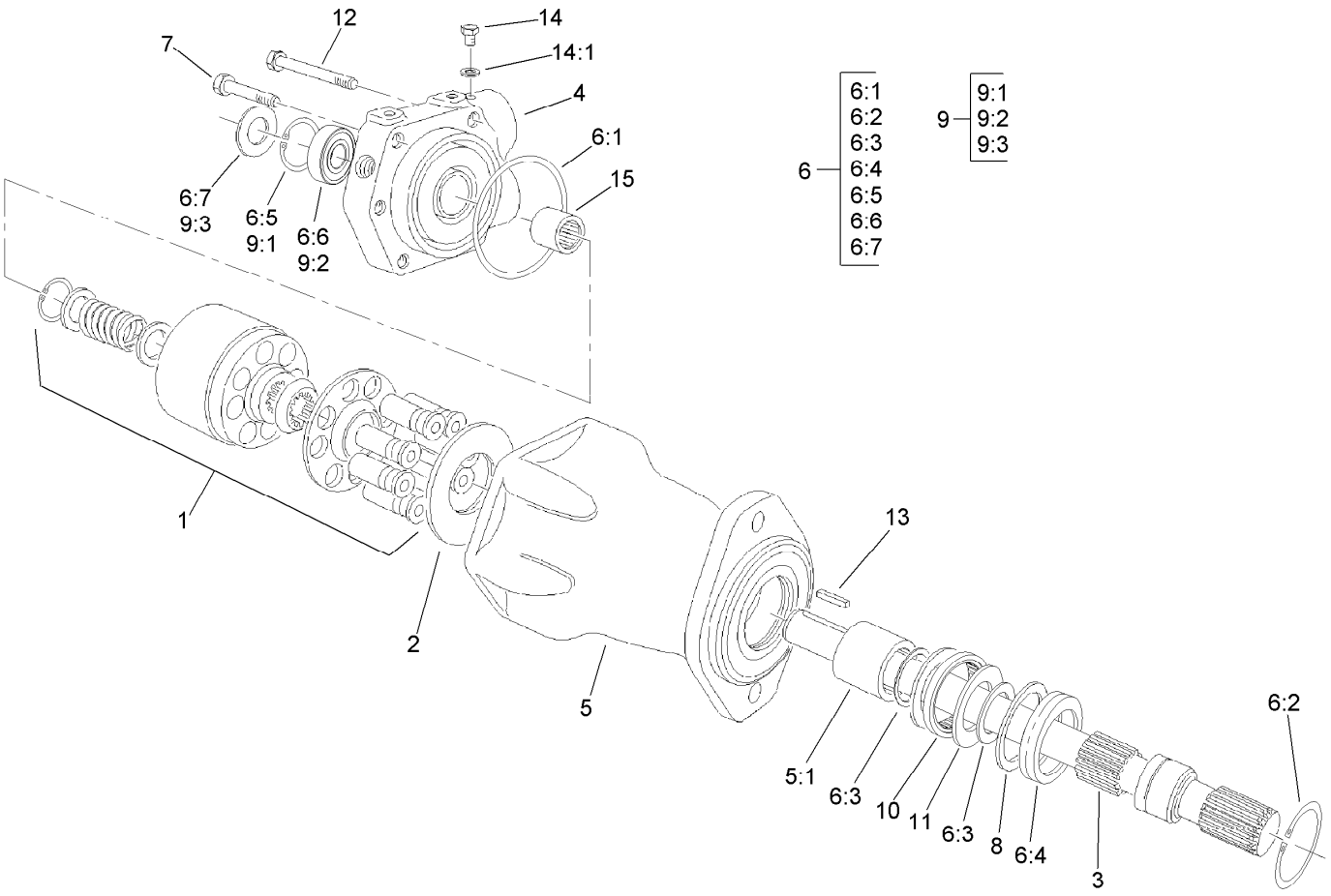
Ref.	Part Number	Qty.	Description
52	93-7331	3	Decal-Warning
53	3253-4	6	Washer-Lock
54	3217-6	4	Nut-Hex
56	3296-23	6	Nut-Lock, NI
57	3256-26	6	Washer-Flat
59	80-7590	4	Spacer



Front Wheel and Motor Assembly

Ref.	Part Number	Qty.	Description
2	322-3	4	Screw-HH
3	3253-4	4	Washer-Lock
5	23-1840	2	Bushing-Taperlock
5:1	60-6620	2	Screw-Set
7	340-2	2	Fitting-Straight
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
9	58-0070	2	Disc Brake ASM
12	58-5430	2	Piston Motor ASM
16	323-18	4	Screw-HH
17	3253-5	4	Washer-Lock
18	353-949	2	O-Ring
19	3253-7	18	Washer-Lock
20	327-3	16	Screw-HH
23	3219-5	18	Nut-Hex
24	108-1434-03	2	Planetary Gear Drive ASM
26	66-5660	2	Wheel And Tire ASM
26:1	58-5620	1	Tube
26:2	63-4480	1	Tire
26:3	58-5610	1	Rim
27	323-20	4	Screw-HH
28	58-3780	8	Tube-Space

Ref.	Part Number	Qty.	Description
29	29-1060	2	Bracket-Secondary
32	58-0110-03	2	Bracket-Caliper, Brake
33	3296-39	4	Nut-Lock, NI
34	29-1070	2	Lever ASM
35	3272-6	4	Pin-Cotter
36	60-1740	4	Nut
37	58-2300	4	Link-Brake
38	283-67	4	Pin-Clevis
39	29-1080	4	Stator ASM
40	3256-3	4	Washer-Flat
41	3253-8	16	Washer-Lock
44	92-6058	4	Fitting-STR
44:1	237-81	1	O-Ring
44:2	237-58	1	O-Ring
45	98-1282	2	Adapter-HYD, Straight
45:1	237-22	1	O-Ring
45:2	237-118	1	O-Ring
46	340-159	1	Elbow-90
46:1	237-22	2	O-Ring
47	86-5480	2	Nipple-Test
48	353-947	2	Cap-Dust, Rubber

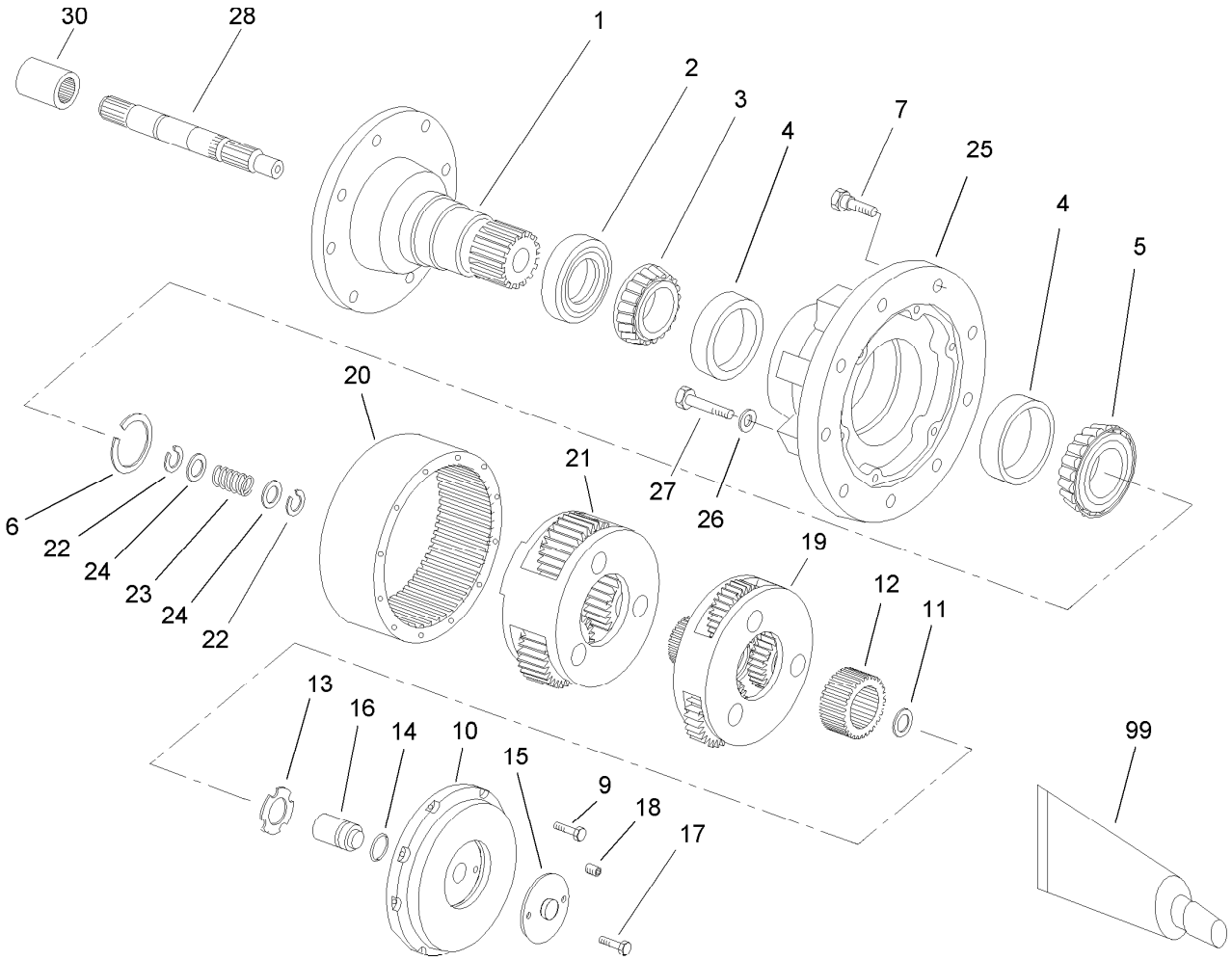


Piston Motor Assembly No. 58-5430

Ref.	Part Number	Qty.	Description
1	59-8340	1	Rotating Kit
2	59-8350	1	Camplate
3	59-8360	1	Shaft
4	59-8270	1	Plate
5	59-8300	1	Housing
5:1	94-6363	1	Bearing
6	59-8390	1	Seal Kit ●
6:1	59-8260	1	Ring
6:2	32151-13	1	Ring-Retaining
6:3	32151-29	2	Ring-Retaining
6:4	59-8370	1	Seal
6:5	59-8320	1	Ring-Retaining
6:6	49-2640	1	Seal-Shaft
6:7	84-6440	1	Shield-Grass

Ref.	Part Number	Qty.	Description
7	59-8290	3	Capscrew
8	33-3720	1	Washer
9	66-5840	1	Seal Kit ●
9:1	59-8320	1	Ring-Retaining
9:2	49-2640	1	Seal-Shaft
9:3	84-6440	1	Shield-Grass
10	252-66	1	Bearing-Thrust
11	252-71	1	Washer-Thrust
12	59-8280	3	Capscrew
13	59-8380	1	Key
14	353-948	2	Fitting-Plug
14:1	237-118	1	O-Ring
15	94-6368	1	Bearing

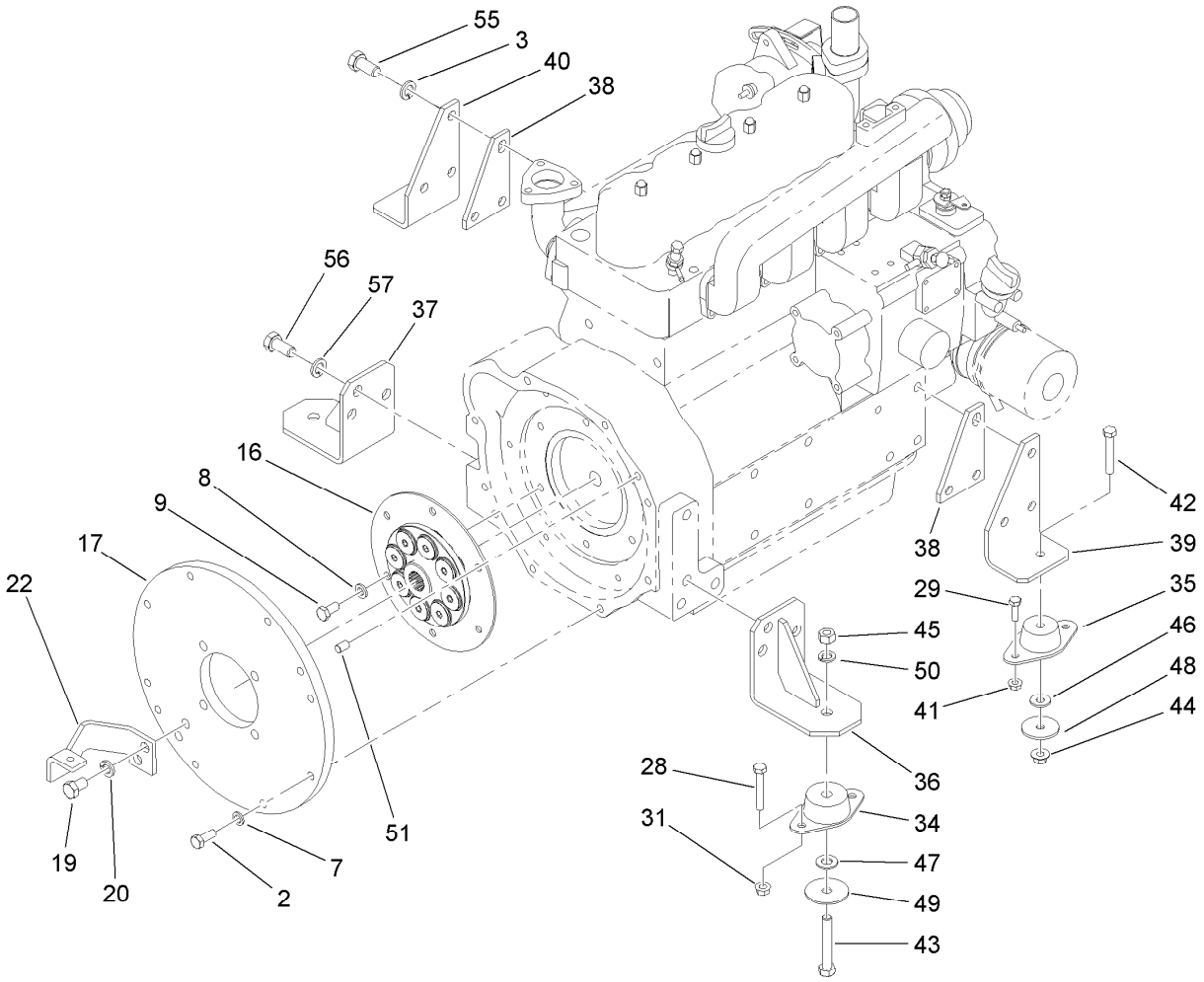
● Not illustrated



Drive Gear Assembly No. 108-1434-03

Ref.	Part Number	Qty.	Description
1	60-3820	1	Spindle
2	60-3830	1	Seal
3	60-3880	1	Cone
4	60-3850	1	Cup
5	60-3840	1	Cone
6	62-6450	1	Retaining Ring Kit
7	107-4341	9	Bolt-Wheel
9	98-8270	8	Bolt
10	107-4345	1	Cover
11	108-1445	1	Ring-Retaining
12	62-6430	1	Gear
13	60-3990	1	Washer
14	107-4346	1	O-Ring
15	60-4060	1	Cover
16	107-4347	1	Plunger

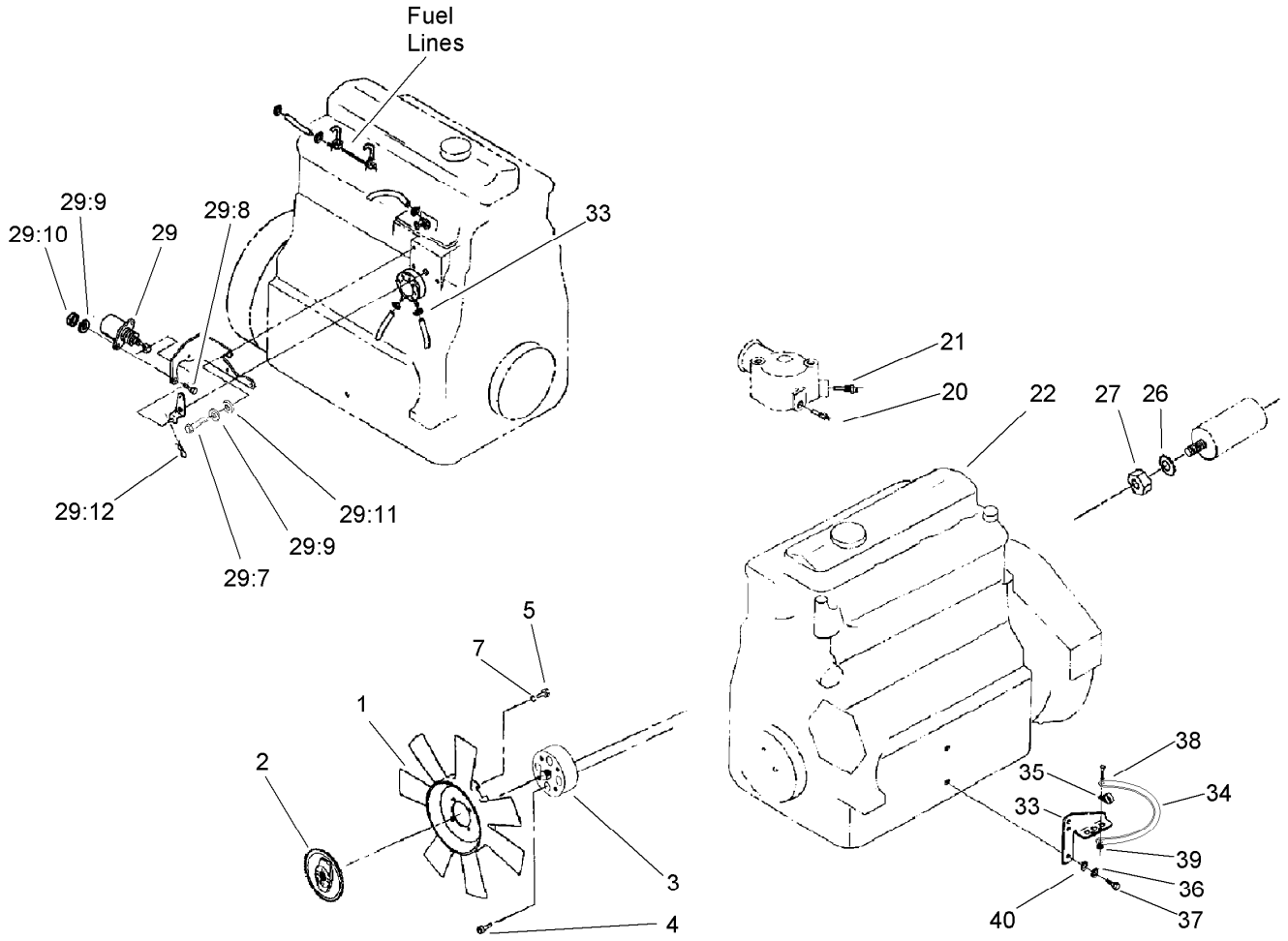
Ref.	Part Number	Qty.	Description
17	322-1	2	Screw-HH
18	60-4040	1	Plug
19	108-1443	1	Primary Carrier ASM
20	60-3900	1	Gear
21	108-1444	1	Secondary Carrier ASM
22	82-8700	2	Ring
23	60-3950	1	Spring
24	60-3940	2	Washer
25	107-4342	1	Hub
26	60-3910	12	Washer
27	60-3890	12	Bolt
28	107-4340	1	Shaft-Input
30	60-3800	1	Coupling
99	62-6460	1	Sealant-R



Engine Installation Assembly

Ref.	Part Number	Qty.	Description
2	56-2140	8	Screw-HH
3	48-8070	6	Washer-Lock
7	48-9590	8	Washer-Lock
8	107-1413	6	Washer-Hardened
9	63-7790	6	Screw-Cap
16	110-6179	1	Coupler-Flywheel
17	112-6503-03	1	Plate-Adapter, Pump
19	3213-20	2	Screw-HH
20	3253-7	2	Washer-Lock
22	98-7066-03	1	Bracket-Damper
28	323-11	4	Screw-HH
29	322-5	4	Screw-HH
31	32128-21	4	Nut-HF Lock
34	98-3024	2	Mount-Engine
35	83-1030	2	Mount-Engine
36	98-1207-03	1	Bracket-Front, LH
37	98-1206-03	1	Bracket-Front, RH

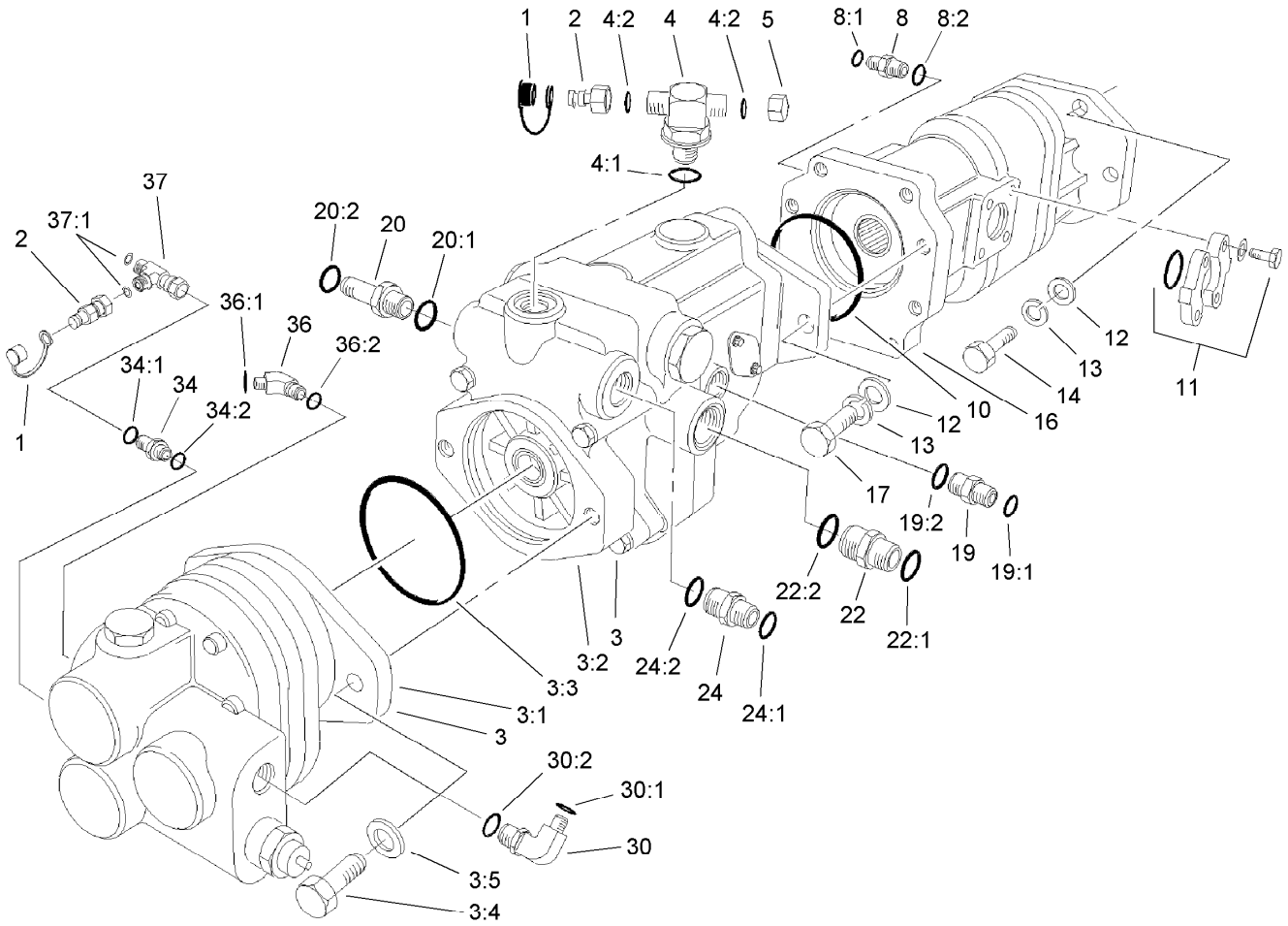
Ref.	Part Number	Qty.	Description
38	98-1200-03	2	Spacer
39	98-1204-03	1	Bracket-Engine, LH Rear
40	98-1205-03	1	Bracket-Engine, RH Rear
41	32128-20	4	Nut-HF
42	323-11	2	Screw-HH
43	33116-070	2	Screw-HH
44	32128-43	2	Nut-Flange
45	48-9530	2	Nut
46	80-6990	2	Washer-Hardened
47	3256-26	2	Washer-Flat
48	63-7400	2	Washer-Rebound
49	87-5100	2	Washer-Snubbing
50	43-5940	2	Washer-Lock, Spring
51	98-1212	2	Pin-Plate, Pump
55	43-3180	6	Screw-HH
56	43-3210	6	Screw-HH
57	43-5950	6	Washer-Lock, Spring



Engine Attachment Assembly

Ref.	Part Number	Qty.	Description
1	104-5269	1	Fan
2	93-1430	1	Drive-Fan
3	98-1242	1	Adapter-Fan
4	52-6290	4	Screw-HSH
5	322-2	8	Screw-HH
7	3253-4	8	Washer-Lock
20	98-3824	1	Switch-Temp
21	98-3825	1	Switch-Temp
22	108-4410	1	Engine-Kubota
26	3255-8	1	Washer-Lock
27	33014-00	1	Nut-Hex
29	98-3817	1	Solenoid Kit
29:7	33113-025	3	Screw-HH

Ref.	Part Number	Qty.	Description
29:8	33113-016	2	Screw-HH
29:9	48-8020	5	Washer-Spring
29:10	33013-00	2	Nut-Hex
29:11	33093-00	3	Washer-Flat
29:12	3272-2	1	Pin-Cotter
33	98-1293-03	1	Bracket-Line
34	98-3883	2	Clamp-Wire
35	3256-61	4	Washer-Flat
36	43-5940	2	Washer-Lock, Spring
37	42-9250	2	Bolt
38	32105-13	2	Screw-HWH
39	3296-2	2	Nut-Lock, NI
40	3256-26	2	Washer-Flat

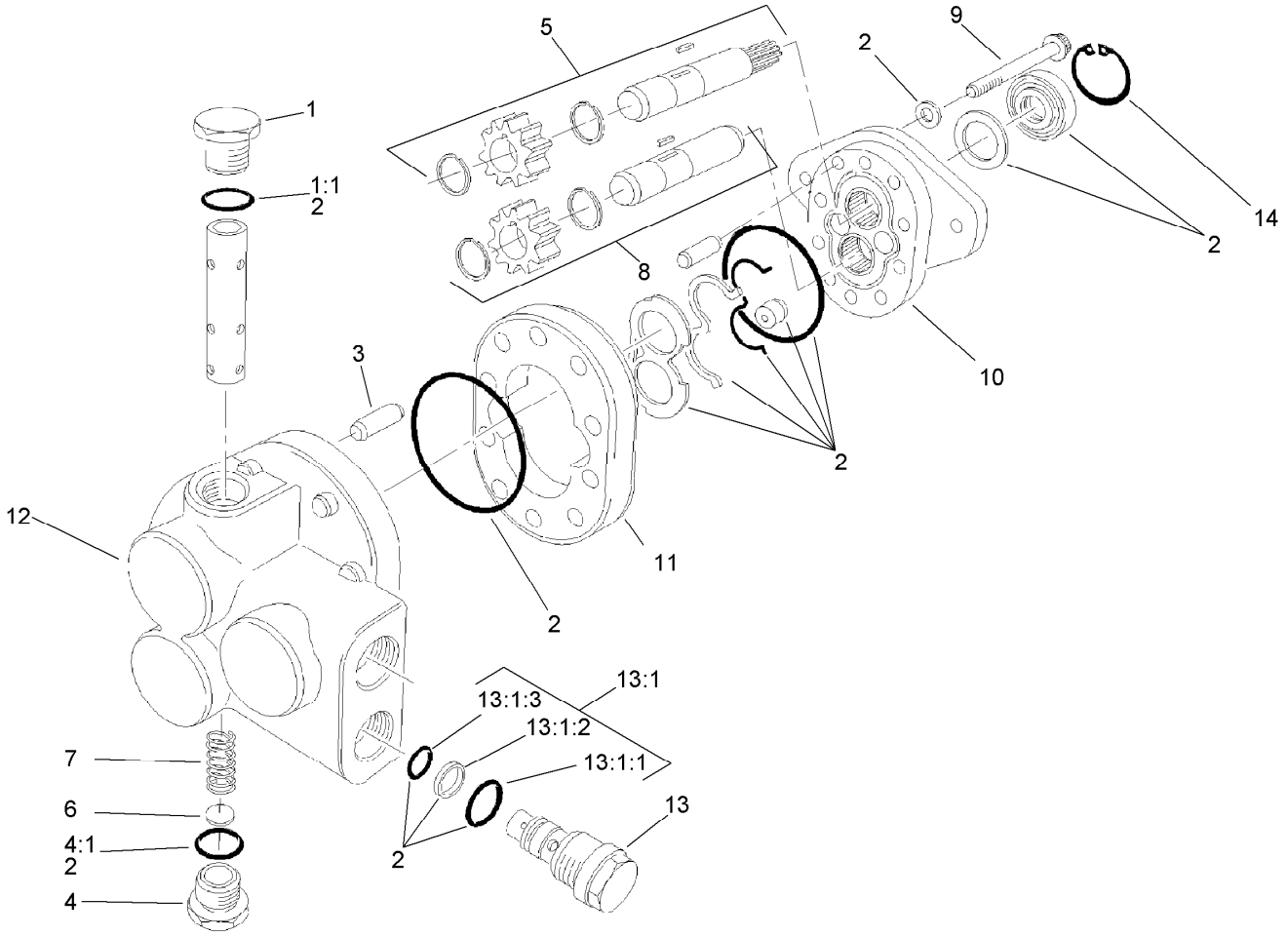


Hydraulic Pump Assembly

Ref.	Part Number	Qty.	Description
1	353-947	2	Cap-Dust, Rubber
2	86-5480	2	Nipple-Test
3		1	Tandem Pump ASM ●
3:1	99-6495	1	Gear Pump ASM
3:2	99-6494	1	Variable Piston Pump ASM
3:3	60-3520	1	O-Ring
3:4	60-3530	2	Bolt
3:5	60-3540	2	Washer
4	92-4799	1	Fitting-Tee, HYD
4:1	237-79	1	O-Ring
4:2	237-22	2	O-Ring
5	340-117	1	Cap
8	340-8	1	Fitting-Straight
8:1	237-65	1	O-Ring
8:2	237-81	1	O-Ring
10	59-8550	1	O Ring
11	340-62	1	Flange Kit
12	87-7270	6	Washer-Thrust
13	3253-7	6	Washer-Lock
14	3213-2	4	Screw-HH
16	86-6000-01	1	Pump
17	325-5	2	Screw-HH
19	340-2	1	Fitting-Straight

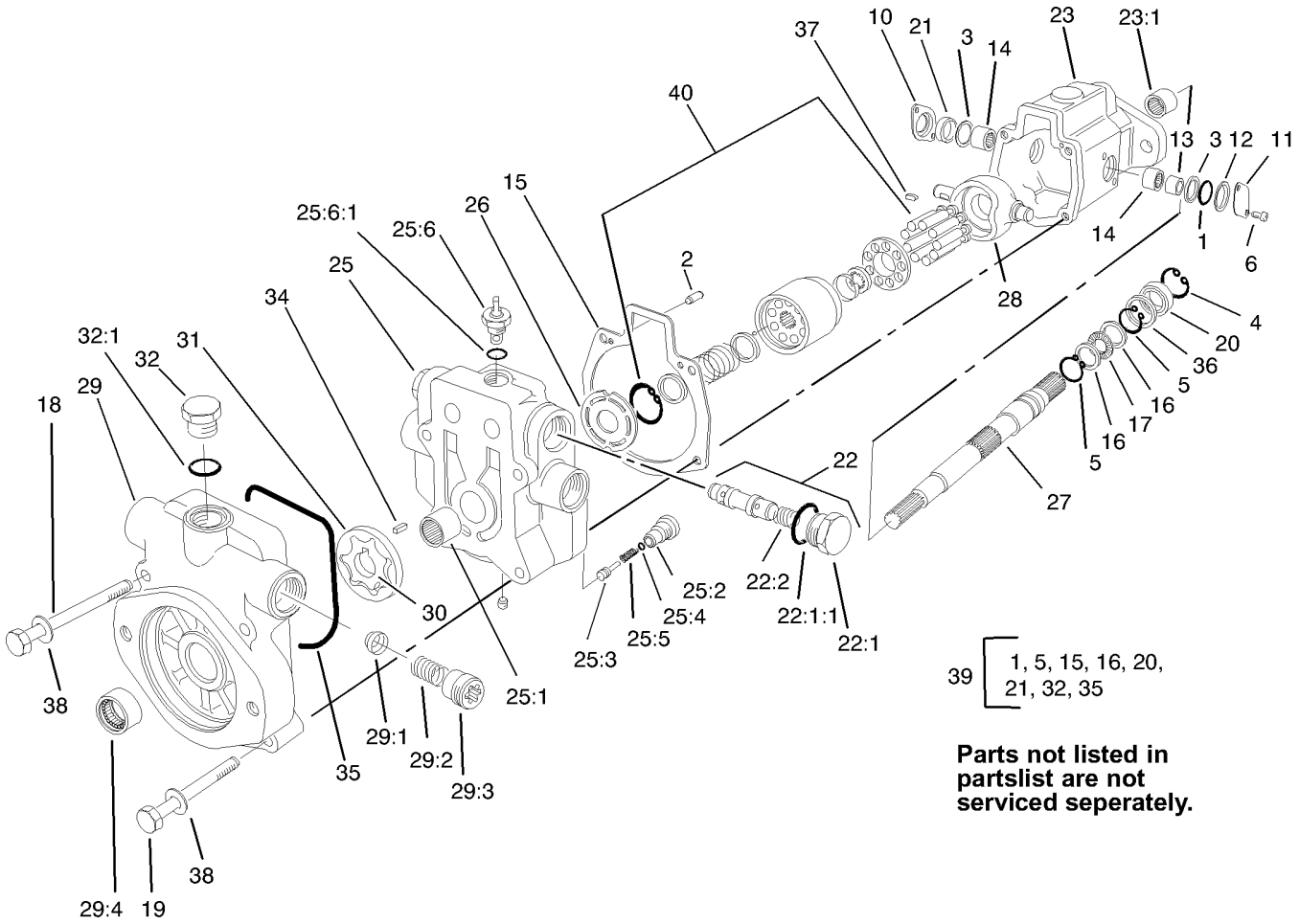
Ref.	Part Number	Qty.	Description
19:1	237-22	1	O-Ring
19:2	237-42	1	O-Ring
20	92-6058	1	Fitting-STR
20:1	237-81	1	O-Ring
20:2	237-58	1	O-Ring
22	340-9	1	Fitting-STR
22:1	237-58	1	O-Ring
22:2	237-81	1	O-Ring
24	340-4	1	Fitting-Straight
24:1	237-30	1	O-Ring
24:2	237-79	1	O-Ring
30	340-15	1	Fitting-Elbow 90
30:1	237-58	1	O-Ring
30:2	237-146	1	O-Ring
34	340-3	1	Fitting-Straight
34:1	237-22	1	O-Ring
34:2	237-79	1	O-Ring
36	340-89	1	Fitting-HYD, 45 DEG
36:1	237-30	1	O-Ring
36:2	237-80	1	O-Ring
37	340-115	1	Fitting-Tee
37:1	237-22	2	O-Ring

● Not serviced separately



Gear Pump Assembly No. 99-6495

Ref.	*Part Number*	*Qty.*	*Description*
1	60-5860	1	Plug
1:1	60-5720	1	O-Ring
2	95-2109	1	Seal Kit
3	60-5760	1	Pin
4	60-5710	1	Plug
4:1	60-5720	1	O-Ring
5	99-8591	1	Drive Gear ASM
6	60-5730	1	Disc
7	60-5820	1	Spring
8	99-8592	1	Idler Gear ASM
9	42-3140	8	Capscrew
10	95-4362	1	Plate-Front
11	99-8589	1	Body ASM
12	99-8590	1	Plate-Back
13	92-9253	1	Valve-Relief
13:1	92-9257	1	Seal Kit
13:1:1	92-9255	1	O-Ring
13:1:2	92-9256	1	Washer-Backup
13:1:3	92-9254	1	O-Ring
14	99-8593	1	Ring-Retaining

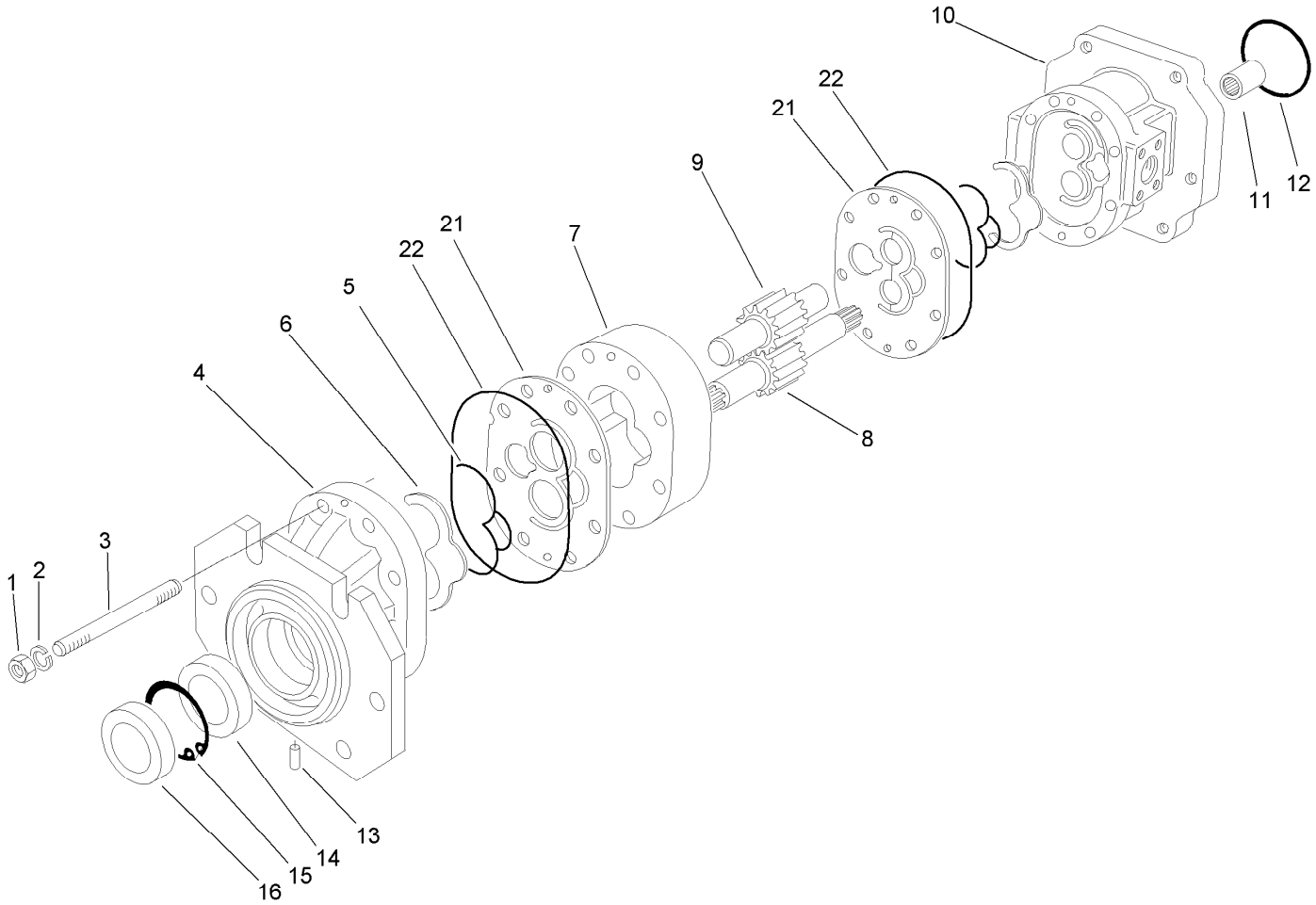


Parts not listed in partslist are not serviced seperately.

Variable Piston Pump Assembly No. 99-6494

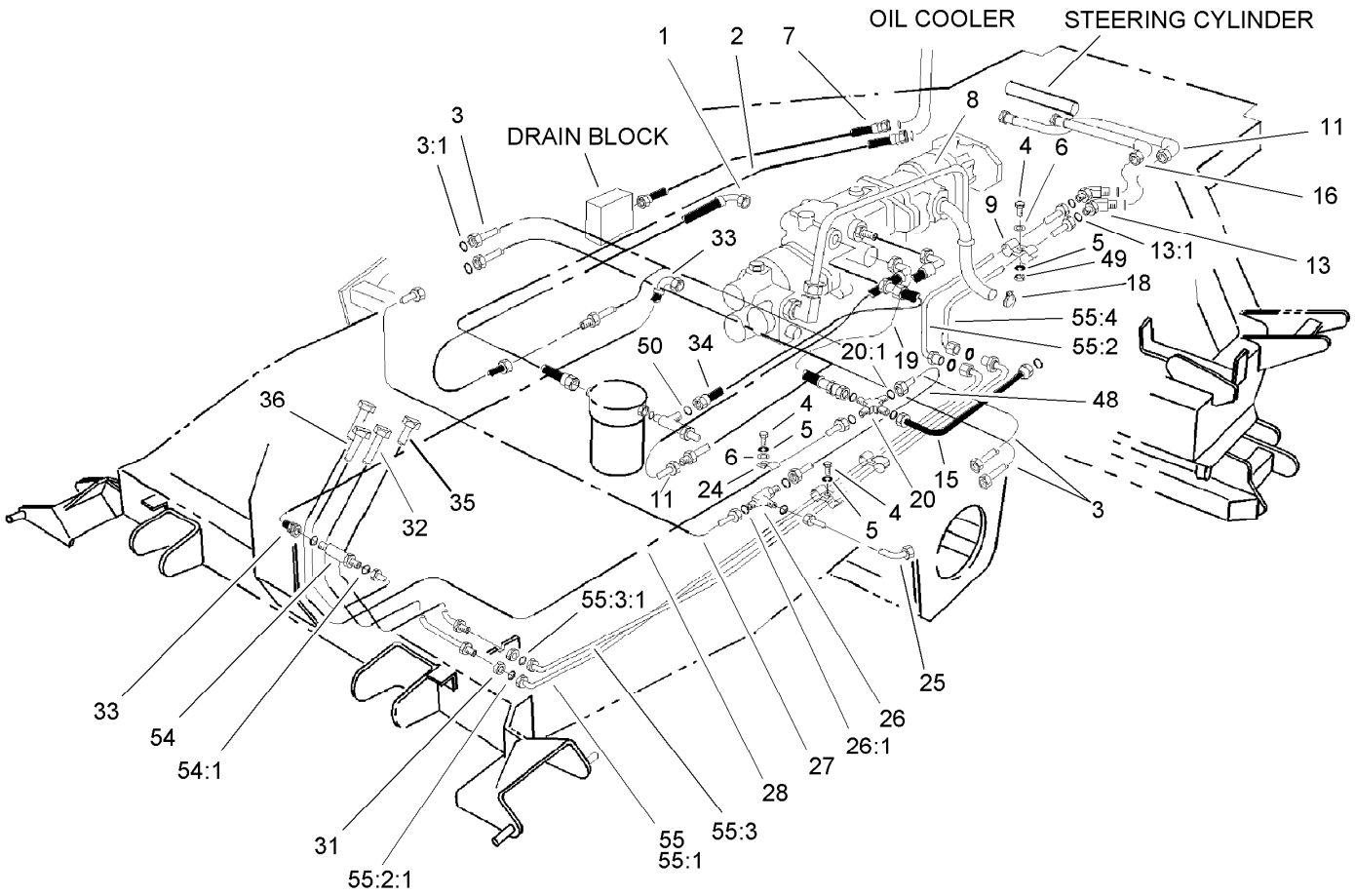
Ref.	Part Number	Qty.	Description
1	60-6190	1	O-Ring
2	95-6050	2	Pin-Dowel
3	60-6250	2	Washer
4	60-6260	1	Ring
5	60-6270	2	Ring
6	60-6330	4	Screw
10	60-6120	1	Cover-Seal
11	60-6010	1	Cover-Trunnion
12	99-8702	1	O-Ring Cover
13	60-5990	1	Race
14	60-6110	2	Bearing
15	60-6130	1	Gasket
16	60-6160	2	Race
17	76-6960	1	Bearing-Thrust
18	60-6230	2	Screw-HH
19	60-6220	2	Screw-HH
20	60-6300	1	Seal
21	42-2720	1	Seal-External
22	68-6460	2	Relief Valve Kit
22:1	70-1240	1	Plug ASM
22:1:1	60-5980	1	O-Ring
22:2	99-8700	1	Spring
23	99-8703	1	Housing ASM
23:1	63-4390	1	Bearing-Needle
25	99-8705	1	Backplate ASM
25:1	60-6050	1	Bearing

Ref.	Part Number	Qty.	Description
25:2	60-6060	1	Cartridge
25:3	60-6070	1	Poppet
25:4	60-6080	1	Ring
25:5	60-6090	1	Spring
25:6	39-2080	1	Tow Valve ASM
25:6:1	60-6290	1	O-Ring
26	99-8704	1	Plate-Valve
27	60-6140	1	Shaft
28	60-6020	1	Camplate
29	60-6200	1	Adapter
29:1	33-4990	1	Poppet
29:2	39-2140	1	Spring
29:3	39-2130	1	Retainer-Spring
29:4	60-6150	1	Bearing
30	99-8706	1	Gerotor-Inner
31	99-8707	1	Gerotor-Outer
32	60-6280	1	Plug
32:1	60-6290	1	O-Ring
34	60-6320	1	Key
35	99-8708	1	O-Ring
36	60-6240	1	Washer
37	60-6310	1	Key
38	3256-73	4	Washer-Flat
39	95-6056	1	Seal Kit
40	99-8701	1	Rotating Kit



Pump Assembly No. 86-6000-01

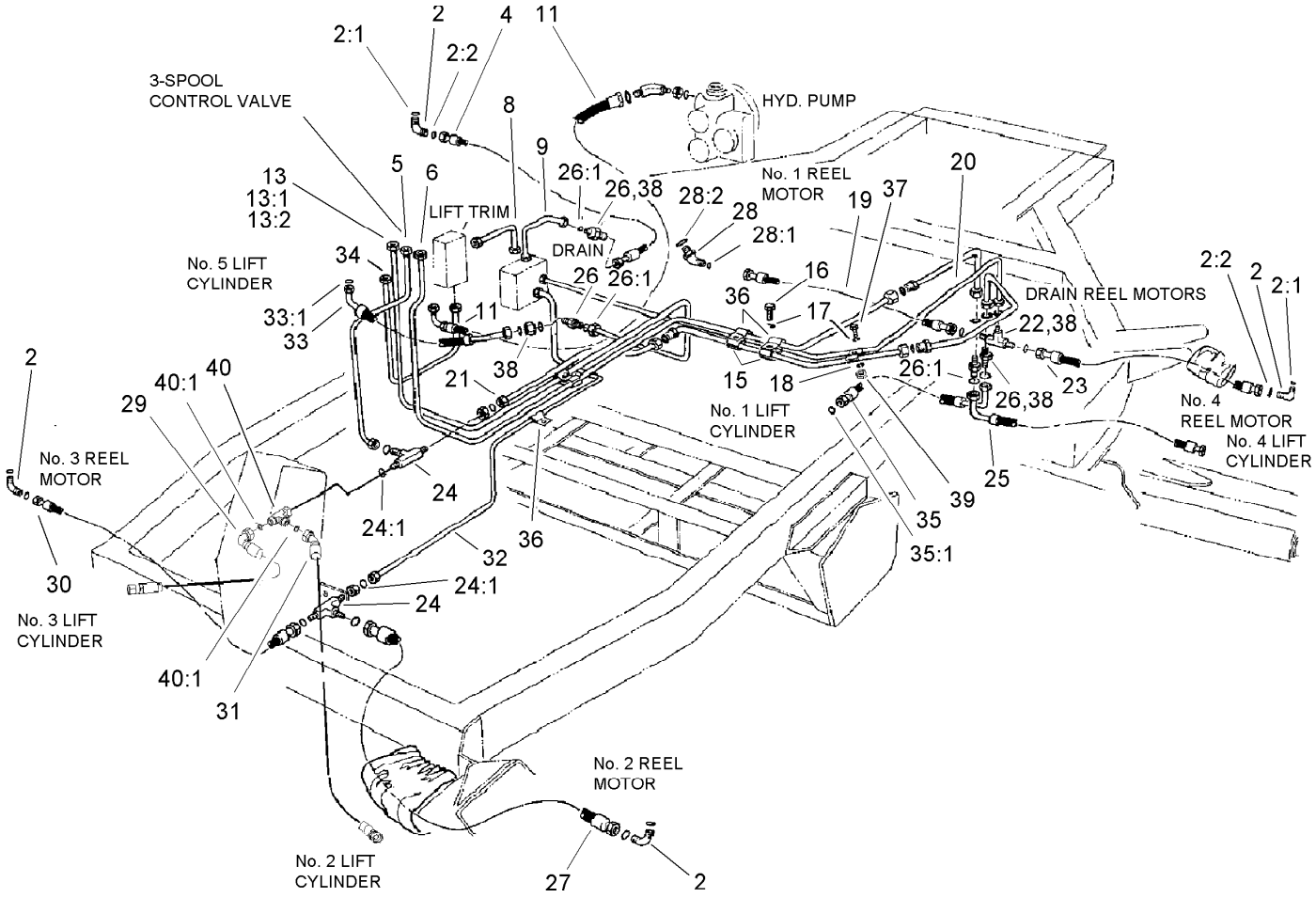
Ref.	*Part Number*	*Qty.*	*Description*
1	59-7580	8	Nut
2	59-7590	8	Washer-Lock
3	59-7970	8	Stud
4	86-6010	1	Cover-Front
5	59-7990	2	Seal
6	59-8470	2	Retainer
7	86-6020	1	Section-Center
8	59-8500	1	Gear
9	59-8600	1	Gear
10	86-6030	1	Section-Port, Rear
11	59-8540	1	Coupling
12	86-6040	1	O-Ring
13	86-6050	1	Plug
14	59-8570	1	Seal
15	59-8580	1	Ring-Retaining
16	59-8590	1	Seal
21	86-6070	2	Plate-Rear
22	86-6080	2	O-Ring



Hydraulic Circuit - Steering and Traction Assembly

Ref.	Part Number	Qty.	Description
1	58-5860	2	Hose ASM
2	75-8200	1	Hose-Filter / Cooler
3	92-9202	2	Tube-Traction
3:1	237-58	1	O-Ring
4	33113-025	5	Screw-HH
5	43-5930	5	Washer-Lock, Spring
6	33093-00	7	Washer-Flat
7	75-8210	1	Hose-Manifold / Cooler
8	60-1900	1	Tube
9	58-3880	4	Clamp-Double
11	98-7415	1	Hose-HYD
13	340-69	2	Elbow-Bulkhead, 45 DEG
13:1	237-22	2	O-Ring
15	92-5694	1	Hose-Hydraulic
16	98-7414	1	Hose-HYD
18	2412-92	2	Clamp-Hose
19	60-1250	1	Hose-Drain
20	340-23	1	Cross-Union
20:1	237-22	4	O-Ring
24	60-1360	1	Clamp-Single
25	58-4790	1	Tube-Steel
26	340-68	1	Fitting-Tee, Bulkhead
26:1	237-22	3	O-Ring
27	58-4860	1	Tube-Steel

Ref.	Part Number	Qty.	Description
28	74-2820	1	Tube ASM
31	340-70	6	Nut-Lock
32	74-2780	1	Tube ASM
33	58-5720	1	Hose ASM
34	58-5870	1	Hose ASM
35	74-2810	1	Tube ASM
36	74-2790	1	Tube ASM
48	58-4710	1	Tube-Steel
49	48-7890	2	Nut-Hex
50	237-30	1	O-Ring
54	340-71	1	Fitting-Straight, Bulkhead
54:1	237-22	2	O-Ring
55	105-3333	1	HYD Tube Kit
55:1	105-3318	1	Tube-HYD, LH Front Steering
55:2	105-3319	1	Tube-HYD, LH Rear Steering
55:2:1	237-22	1	O-Ring
55:3	105-3320	1	Tube-HYD, RH Front Steering
55:3:1	237-22	1	O-Ring
55:4	105-3321	1	Tube-HYD, RH Rear Steering

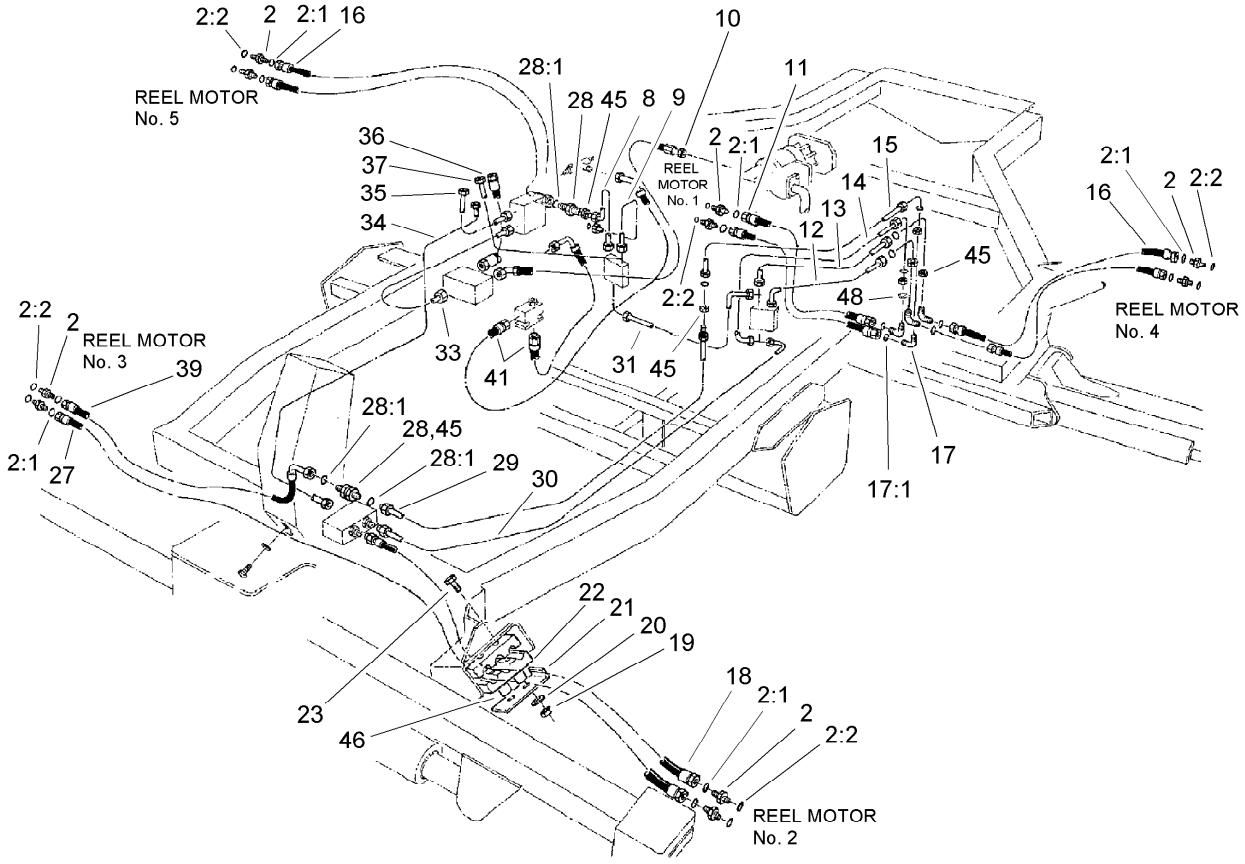


Hydraulic Circuit - Lift Arm Assembly

Ref.	Part Number	Qty.	Description
2	340-77	4	Fitting-Elbow, 90 DEG
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
4	98-7413	1	Hose ASM
5	58-4750	1	Tube-Steel
6	93-1404	1	Tube-Steel
8	63-4680	1	90 DEG Tube ASM
9	58-4780	1	Tube-Steel
11	58-5710	1	Hose ASM
13	68-6370	1	HYD Tube Kit
13:1	68-6380	1	Tube ASM
13:2	68-6390	1	Tube ASM
15	58-3880	5	Clamp-Double
16	33113-050	2	Screw-HH
17	43-5930	6	Washer-Lock, Spring
18	33093-00	8	Washer-Flat
19	98-7408	1	Hose ASM
20	58-4850	1	Tube-Steel
21	68-6270	1	HYD Tube Kit
21:1	68-6280	1	Tube ASM ●
21:2	68-6290	1	Tube ASM ●
21:3	68-6300	1	Tube ASM ●
22	60-2180	1	Adaptor
23	98-7406	1	Hose ASM

Ref.	Part Number	Qty.	Description
24	340-68	2	Fitting-Tee, Bulkhead
24:1	237-22	3	O-Ring
25	98-7411	1	HYD Hose ASM
26	340-71	4	Fitting-Straight, Bulkhead
26:1	237-22	2	O-Ring
27	98-7410	1	Hose ASM
28	340-87	1	Fitting-Elbow, 45 DEG
28:1	237-22	1	O-Ring
28:2	237-42	1	O-Ring
29	105-9280	1	Hose ASM
30	98-7407	1	Hose ASM
31	106-9204	1	Hose ASM
32	58-4880	1	Tube-Steel
33	98-7412	1	Hose ASM
33:1	237-22	1	O-Ring
34	58-4870	1	Tube-Steel
35	98-7405	1	Hose ASM
35:1	237-22	1	O-Ring
36	60-1360	3	Clamp-Single
37	33113-025	4	Screw-HH
38	340-70	7	Nut-Lock
39	48-7890	3	Nut-Hex
40	340-115	1	Fitting-Tee
40:1	237-22	2	O-Ring

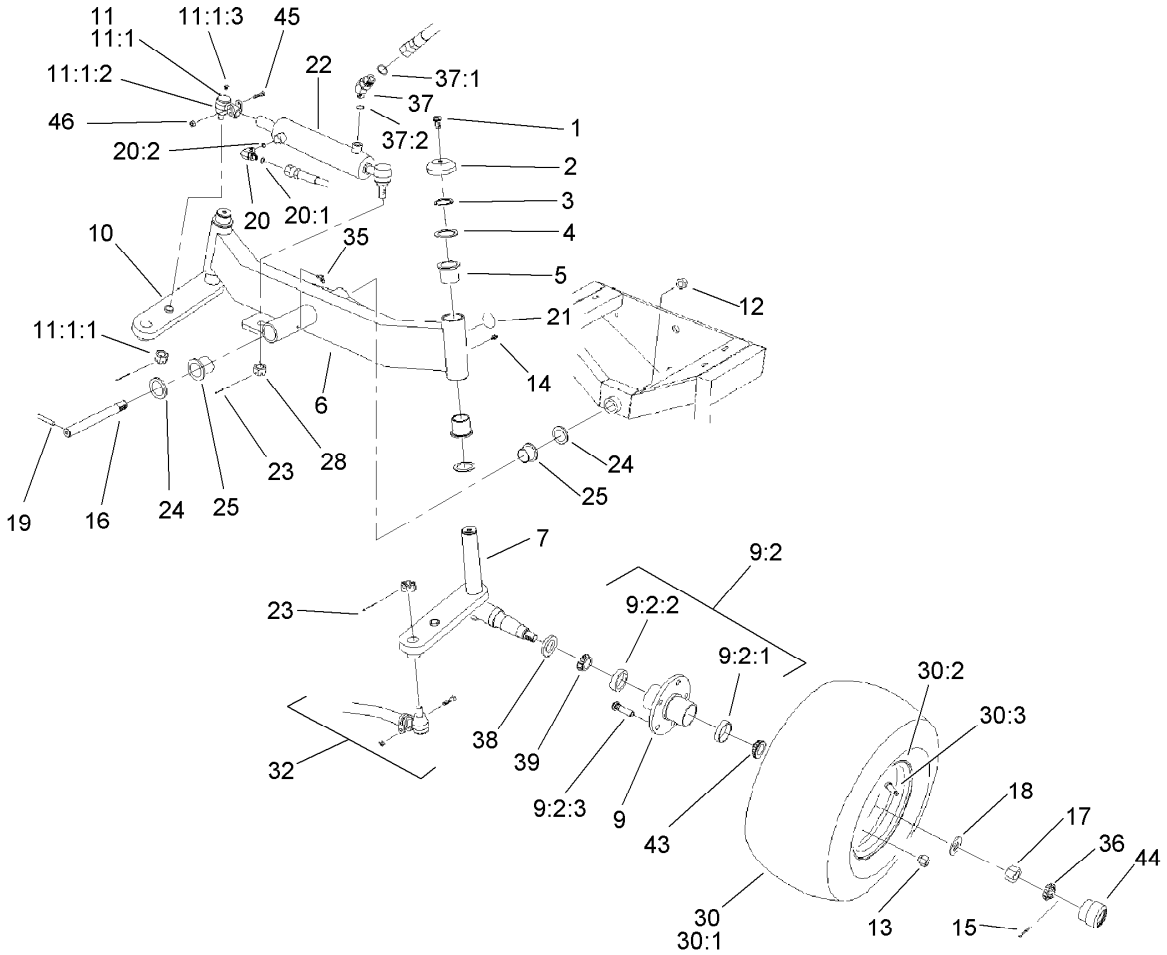
● Not illustrated



Hydraulic Circuit - Cutting Unit Assembly

Ref.	Part Number	Qty.	Description
2	340-8	10	Fitting-Straight
2:1	237-65	1	O-Ring
2:2	237-81	1	O-Ring
8	58-4960	1	Tube-Steel
9	58-4970	1	Tube-Steel
10	58-5730	1	Hose ASM
11	98-7404	2	Hose ASM
12	58-5060	1	Tube-Steel
13	58-5000	1	Tube-Steel
14	58-5020	1	Tube-Steel
15	58-5040	1	Tube-Steel
16	98-7403	4	Hose ASM
17	340-72	4	Fitting-Bulkhead, 90 DEG
17:1	237-65	2	O-Ring
18	98-7400	1	Hose ASM
19	3296-8	4	Nut-Hex
20	3256-16	4	Washer-Flat
21	74-2750-03	2	Retainer
22	74-2710	4	Clamp-Hose

Ref.	Part Number	Qty.	Description
23	321-14	4	Screw-HH
27	98-7401	1	Hose ASM
28	340-76	3	Fitting-Bulkhead Union, Straight
28:1	237-65	2	O-Ring
29	58-4990	1	Tube-Steel
30	58-5070	1	Tube-Steel
31	58-4950	1	Tube-Steel
33	58-5050	1	Tube-Steel
34	58-5030	1	Tube-Steel
35	58-4980	1	Tube-Steel
36	60-3340	1	Hose ASM
37	63-4710	1	Tube ASM
39	98-7402	1	Hose ASM
41	60-1250	2	Hose-Drain
45	340-74	8	Nut-Lock, Bulkhead
46	74-2730	4	Tube
48	3254-21	2	Washer-Lock/Int

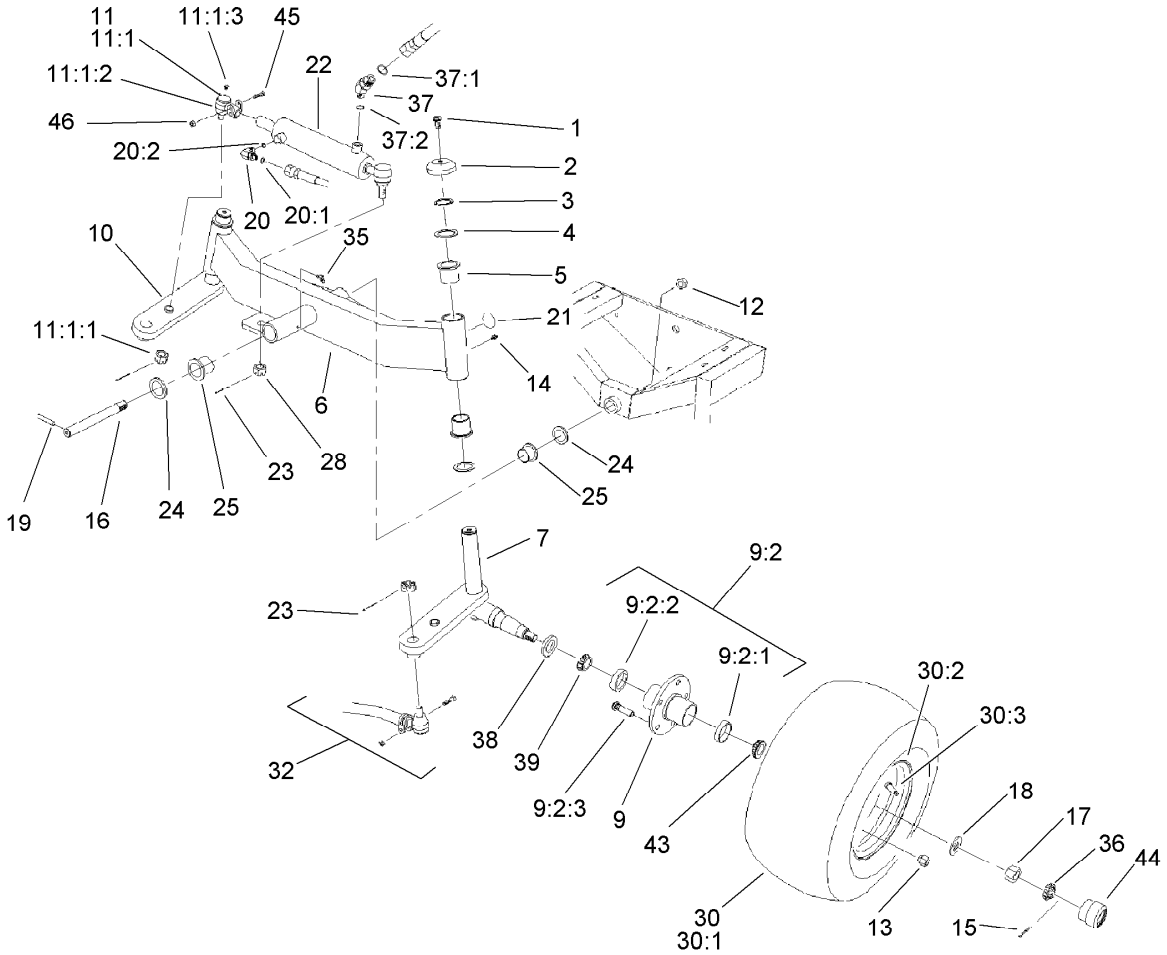


Steering Axle Assembly

Ref.	Part Number	Qty.	Description
1	3234-12	2	Screw-HHF
2	69-8890	2	Cap-Spindle
3	32151-10	2	Ring-Retaining
4	256-304	4	Washer-Thrust
5	69-6470	4	Bushing-Caster
6	82-9850-03	1	Axle-Rear
7	93-0311-03	1	Spindle-Wheel, LH
9	69-2960-03	2	Hub ASM
9:2		1	Hub ASM ●
9:2:1	254-107	1	Cup-Bearing, Tapered
9:2:2	254-72	1	Bearing-Cup, Tapered
9:2:3	69-2990	5	Stud-Wheel
10	93-0310-03	1	Spindle-Wheel, RH
11	106-6895-03	1	Ball Joint ASM
11:1		1	Joint-Ball ●
11:1:1	32136-13	1	Nut-SHH
11:1:2	106-6896	1	Seal
11:1:3	302-5	1	Fitting-Grease
12	3296-49	1	Nut-Lock, NI
13	23-7270	10	Nut-Lug
14	302-5	2	Fitting-Grease
15	3272-13	2	Pin-Cotter
16	82-9210	1	Shaft-Pivot
17	3220-7	2	Nut-Jam
18	93-0309	2	Washer-Tab

Ref.	Part Number	Qty.	Description
19	60-3670	1	Pin
20	340-97	1	Fitting-Elbow, 90 DEG
20:1	237-22	1	O-Ring
20:2	237-78	1	O-Ring
21	58-6520	2	Decal-Grease
22	77-4800	1	Cylinder-HYD
23	3272-12	4	Pin-Cotter
24	48-6660	2	Washer
25	48-6640	2	Bearing
28	32136-13	2	Nut-SHH
30	69-9870	2	Wide Wheel And 6-Ply Tire ASM
30:1	69-9880	1	Tire (23X10.5-12) 6-Ply
30:2	217-116	1	Wheel
30:3	232-27	1	Stem-Valve
32	110-9719-03	1	Tie Rod ASM
35	302-11	1	Fitting-Lube, 45 DEG
36	93-0307	2	Nut-Lock, Retainer
37	340-54	1	Elbow-45 DEG
37:1	237-22	1	O-Ring
37:2	237-78	1	O-Ring
38	69-2980	2	Seal
39	254-106	2	Cone-Bearing, Tapered
43	254-92	2	Cone-Bearing, Outer
44	69-2970	2	Cap-Hub

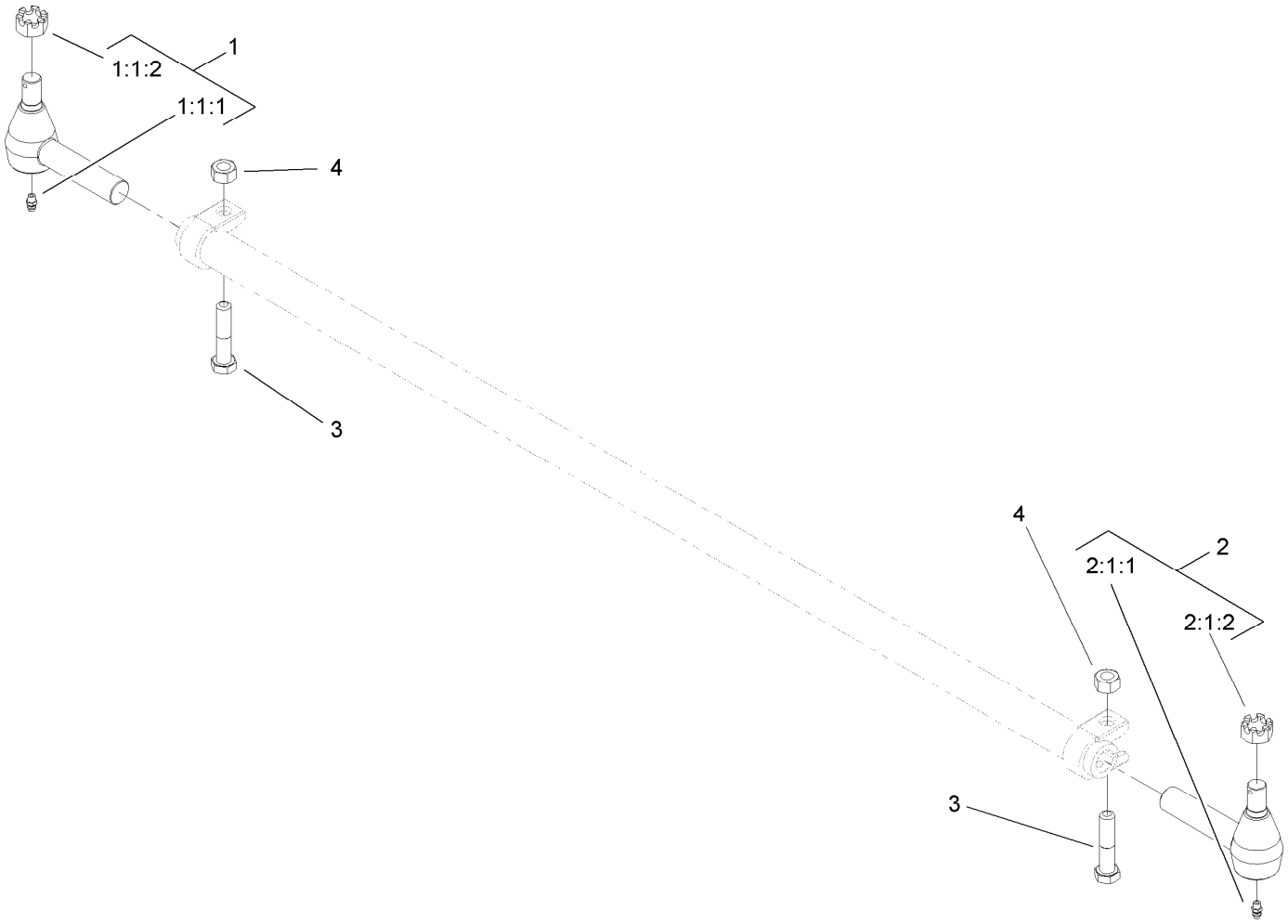
● Not serviced separately



Steering Axle Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
45	3210-7	1	Screw-HH
46	32152-5	1	Nut-Hex

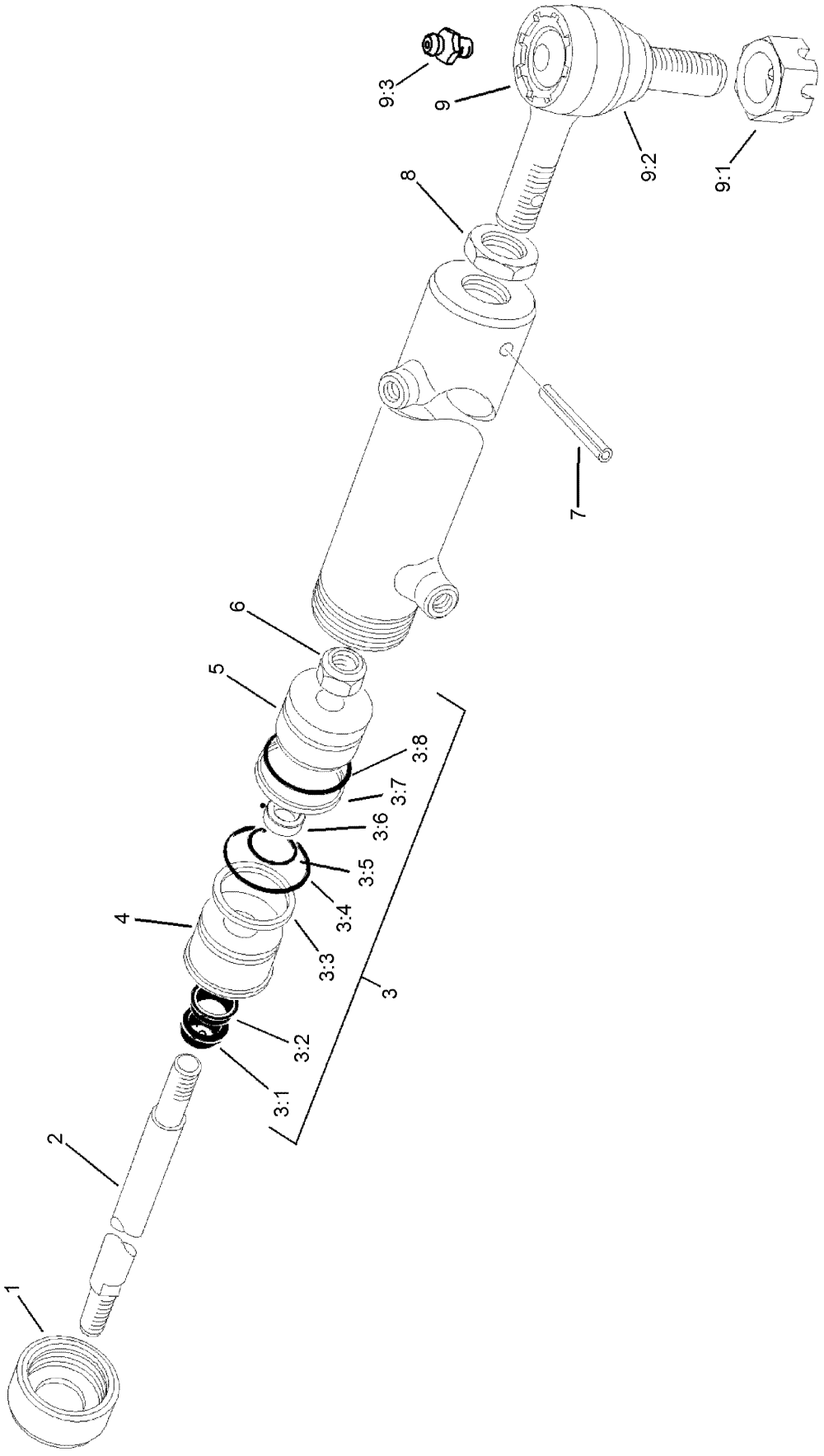
● Not serviced separately



Tie Rod Assembly No. 110-9719-03

Ref.	*Part Number*	*Qty.*	*Description*
1	110-6141-01	1	Rod End-Tie, RH
1:1:1	302-5	1	Fitting-Grease
1:1:2	32136-2	1	Nut-SHH
2	110-6142-01	1	Rod End-Tie, LH
2:1:1	302-5	1	Fitting-Grease
2:1:2	32136-2	1	Nut-SHH
3	44-2200	2	Screw-Blade
4	32153-7	2	Nut-Lock

Hydraulic Cylinder Assembly No. 77-4800

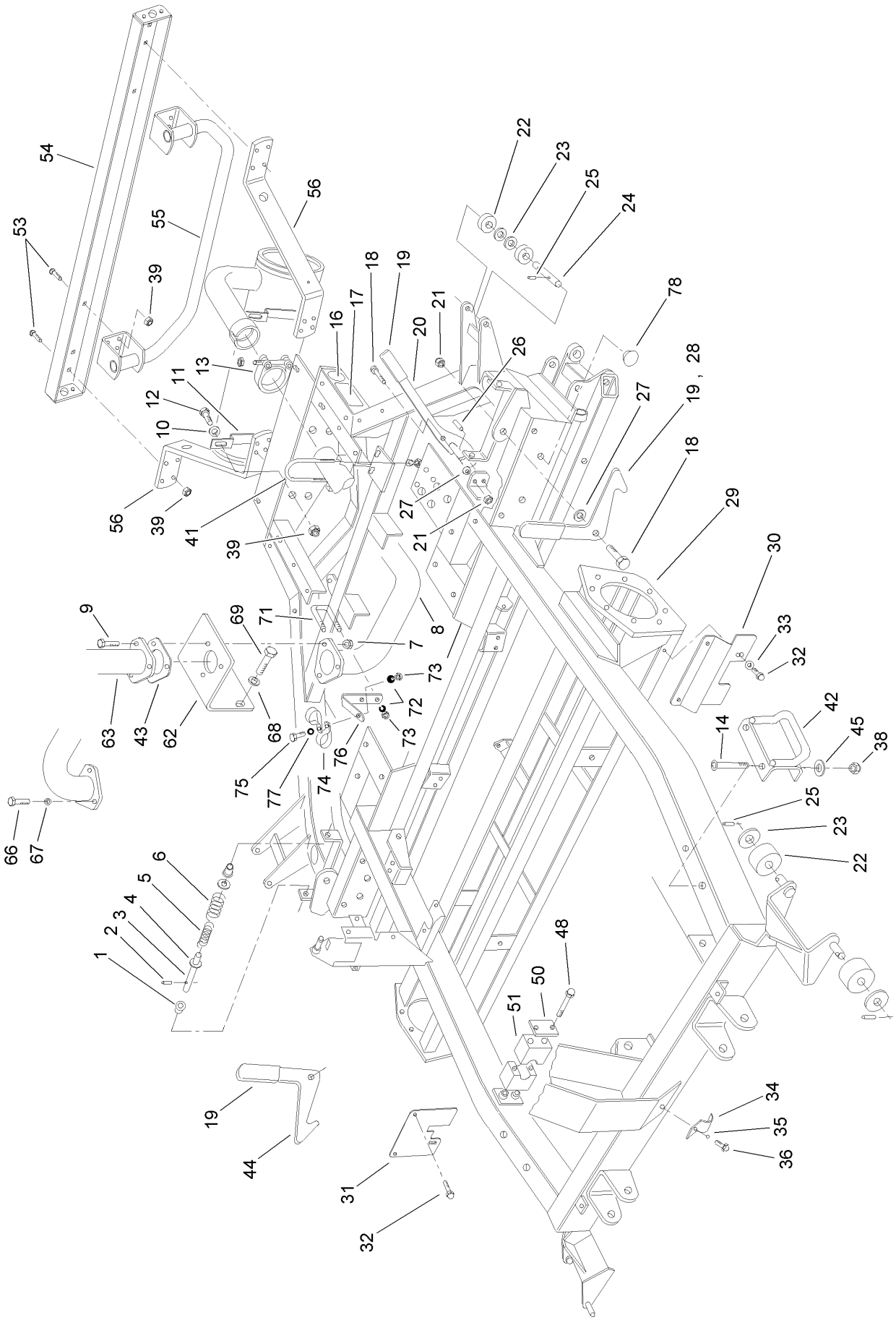


Hydraulic Cylinder Assembly No. 77-4800 (continued)

Ref.	Part Number	Qty.	Description
1		1	Cap ●
2		1	Rod ●
3	82-5800	1	Seal Kit
3:1		1	Wiper-Rod ●
3:2		1	U-Cup ●
3:3		1	Washer-Backup ●
3:4		1	Seal-Dust ●
3:5		1	Seal-Dust ●
3:6		1	Spacer ●
3:7		1	Servon ●
3:8		1	Seal-Dust ●
4		1	Head ●
5		1	Piston ●
6		1	Nut ●
7	32121-44	1	Pin-Roll
8	82-5740	1	Nut-Jam
9	82-5730	1	Tie Rod End ASM
9:1	105-7941	1	Nut-Hex, Slotted
9:2	105-7835	1	Seal
9:3	302-5	1	Fitting-Grease

● Not serviced separately

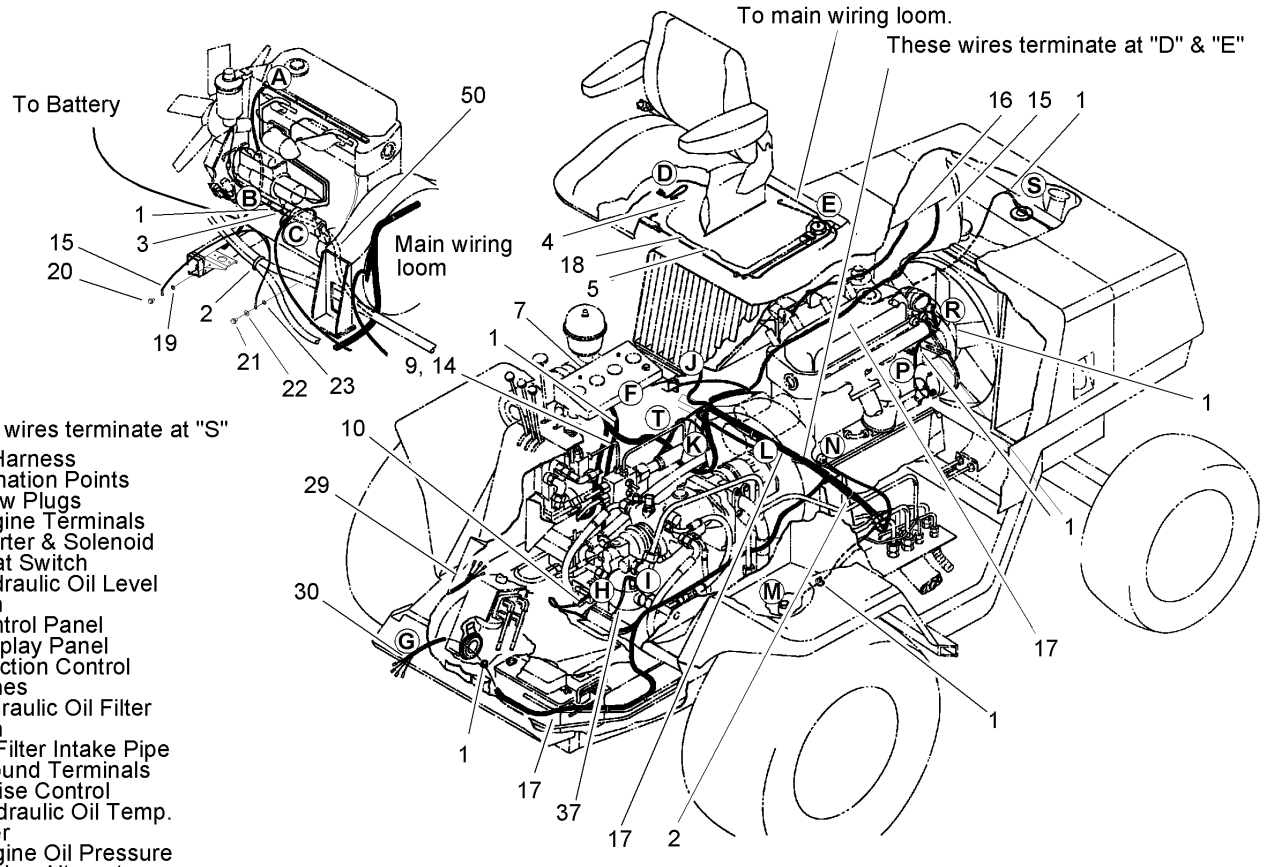
Frame and Muffler Assembly



Frame and Muffler Assembly (continued)

Ref.	Part Number	Qty.	Description
1	58-2800	4	Bushing
2	60-3720	2	Pin-Roll
3	58-2810	2	Rod
4	3256-7	4	Washer-Flat
5	48-6780	2	Spring-Compression
6	60-1240	2	Spring
7	3296-29	3	Nut-Lock, NI
8	98-1230-03	1	Tube-Lower
9	322-7	3	Screw-HH
10	3256-24	4	Washer-Flat
11	74-2850	1	Silencer ASM
12	323-9	4	Screw-HH
13	2412-132	1	Clamp
14	3289-25	4	Screw-SFH
16	58-6520	3	Decal-Grease
17	93-9405	2	Decal-Pressure, Air
18	33116-030	3	Screw-HH
19	48-7081	3	Grip-Plastic
20	86-6570-03	1	Latch
21	51-2070	3	Nut
22	82-4910	8	Roller
23	51-2060	8	Washer
24	60-0160	2	Pin
25	60-2110	8	Pin
26	48-8830	1	Pin-Expansion
27	48-8850	3	Spring-Disc
28	86-6590-03	1	Latch-LH
29	94-8268-01	1	Frame ASM
30	60-4190-03	1	Shield-Grass, LH
31	60-4200-03	1	Shield-Grass, RH
32	48-6900	6	Screw
33	33093-00	2	Washer-Flat
34	60-2080	1	Clamp-Hose
35	42-9850	1	Washer-Lock, Spring
36	48-7680	1	Screw-HH
38	3296-23	4	Nut-Lock, NI
39	3296-39	16	Nut-Lock, NI
41	76-3560	1	Clamp
42	92-4768-03	2	Tiedown ASM
43	98-7817	3	Gasket-Muffler
44	86-6580-03	1	Latch-RH
45	3256-26	4	Washer-Flat
48	321-9	2	Screw-HH
50	82-2980	1	Plate-Cover
51	82-2990	2	Clamp-Half
53	3231-25	12	Bolt-CARR
54	92-6052-03	1	Bumper-Rear
55	92-6050-03	1	Guard ASM
56	92-6051-03	2	Bracket-Bumper
62	98-1246-03	1	Bracket-Exhaust
63	98-1231-03	1	Tube-Upper
66	33114-025	3	Screw-HH
67	42-9850	3	Washer-Lock, Spring
68	43-5940	2	Washer-Lock, Spring
69	42-9250	2	Bolt
71	92-5692	1	U-Bolt
72	3253-4	3	Washer-Lock
73	3217-6	3	Nut-Hex
74	2412-107	2	Clamp-R
75	322-45	1	Screw-HH
76	99-8741-01	1	Bracket-Support, Hose
77	3256-23	1	Washer-Plain
78	92-6059	12	Plug-Button

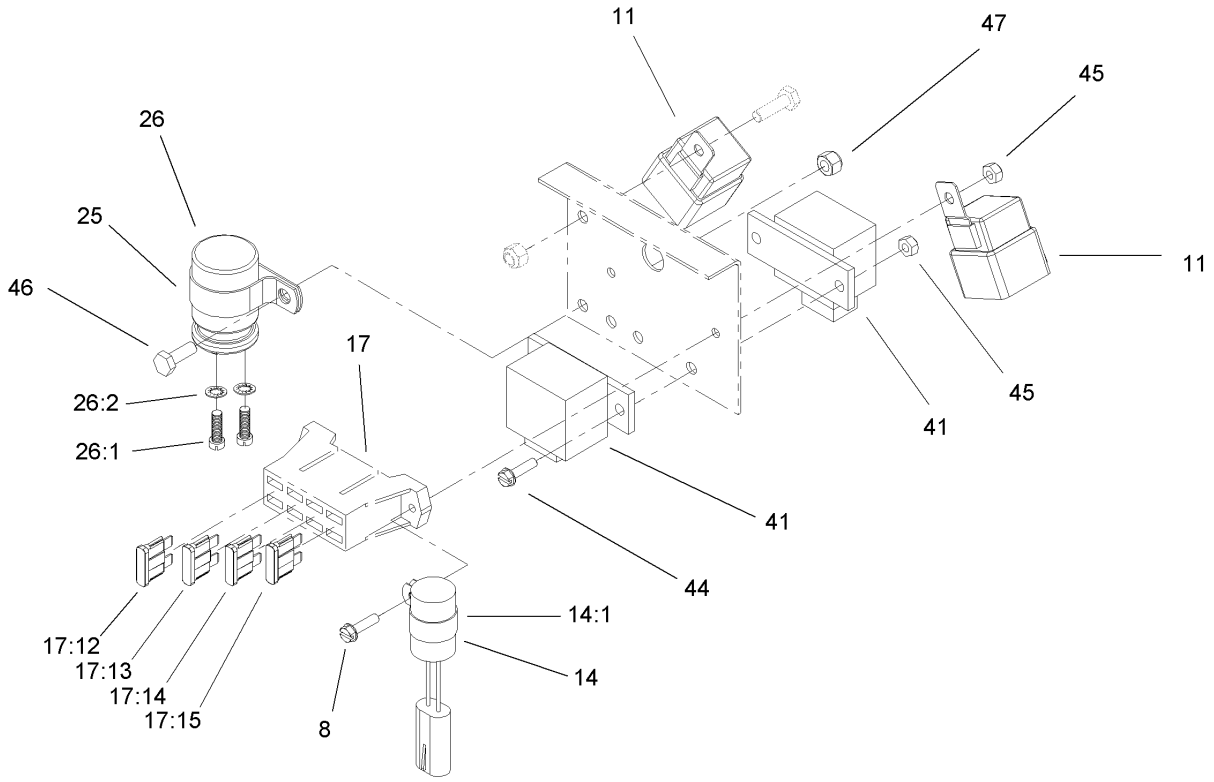
Electrical System Diagram and Relay Assembly



These wires terminate at "S"

Wire Harness Termination Points

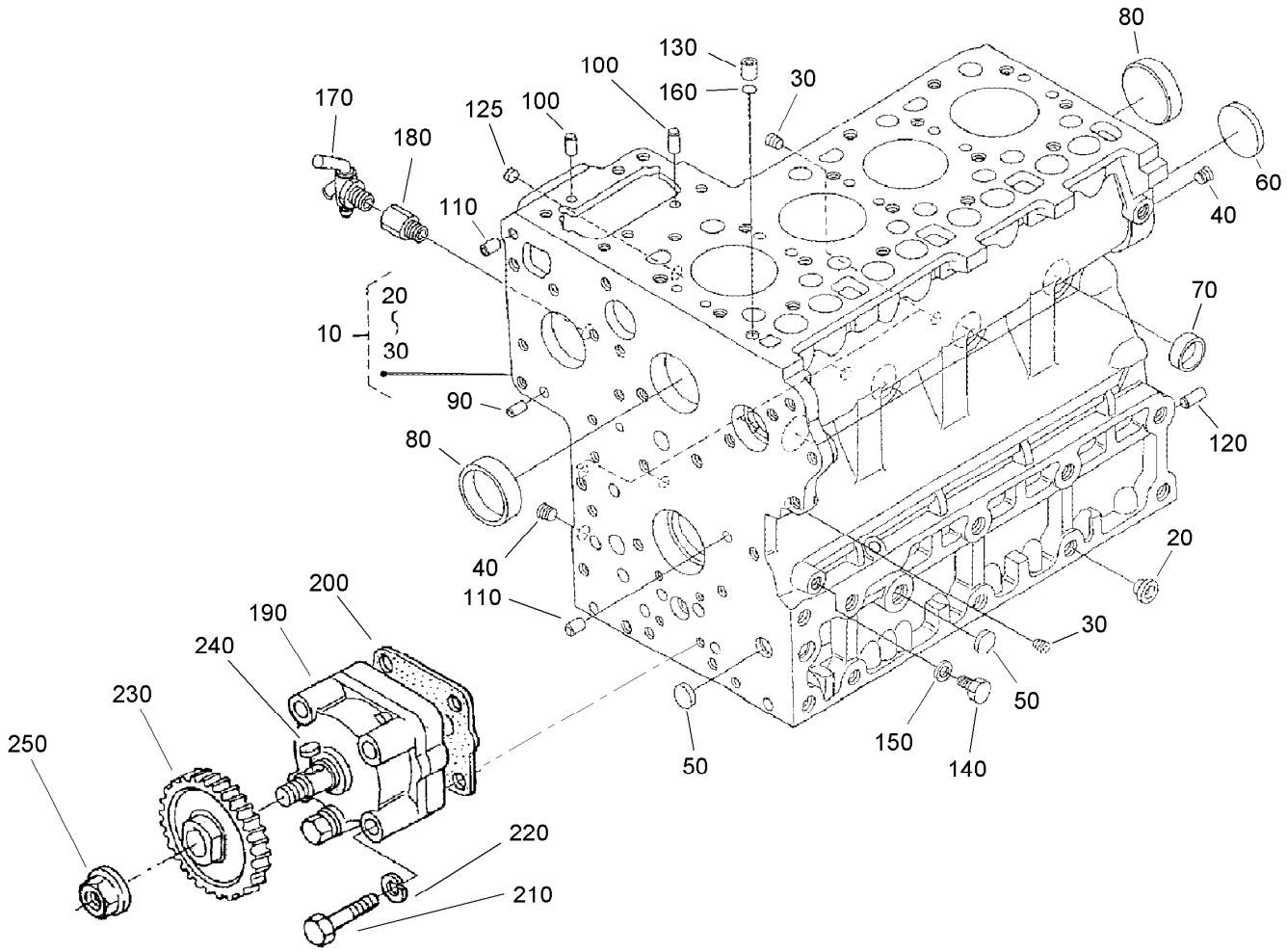
A Glow Plugs
B Engine Terminals
C Starter & Solenoid
D Seat Switch
E Hydraulic Oil Level Switch
F Control Panel
G Display Panel
H Traction Control Switches
I Hydraulic Oil Filter Switch
J Air Filter Intake Pipe
K Ground Terminals
L Cruise Control
M Hydraulic Oil Temp. Sender
N Engine Oil Pressure
P Engine Alternator
R Engine Temp. Senders & Switches
S Fuel Level Sender
T Fuse Block



Electrical System Diagram and Relay Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3290-378	21	Tie-Cable
2	3290-379	5	Tie-Cable
3	2412-109	1	Clip-J
4	237-100	1	Grommet
5	104-5232	4	Clip-Wire
7	105-9279	1	Harness-Wire, Control Panel
8	32105-12	1	Screw
9	82-9790	1	Harness
10	104-5205	1	Harness-Wire, Micro Switch
11	99-7430	2	Relay-Mini
14	83-2280	1	Timer-Delay
14:1	98-4604	1	R-Clamp
15	106-7053	1	Cable-Battery, Negative
16	104-0086	1	Cable-Battery, Positive
17	108-1442	1	Harness-Wire
17:11	100-4918	1	Diode ●
17:12	99-6124	1	Fuse-40 Amp
17:13	109101	1	Fuse-Blade, 20 Amp
17:14	110928	1	Fuse-Blade, 5 Amp
17:15	114241	1	Fuse-Blade, 7.5 Amp
18	108-6052	1	Harness-Wire, Seat
19	3255-8	1	Washer-Lock
20	32144-14	1	Screw-HWHTF
21	42-9250	1	Bolt
22	48-8070	1	Washer-Lock
23	3255-2	1	Washer-Lock, EXT
25	2412-74	1	R-Clamp
26	37-2690	1	Capacitor
26:1	3252-18	2	Screw
26:2	3254-1	2	Washer-Lock, Int
29	82-9230	2	Harness
30	98-3819	1	Harness-Wire, Light Cluster
37	86-5990	1	Harness-Filter
41	66-8800	2	Relay
44	32105-13	3	Screw-HWH
45	3296-2	4	Nut-Lock, NI
46	321-4	1	Screw-HH
47	3296-42	1	Nut-Lock, NI
50	99-3441	1	Harness-Wire, Fusible Link

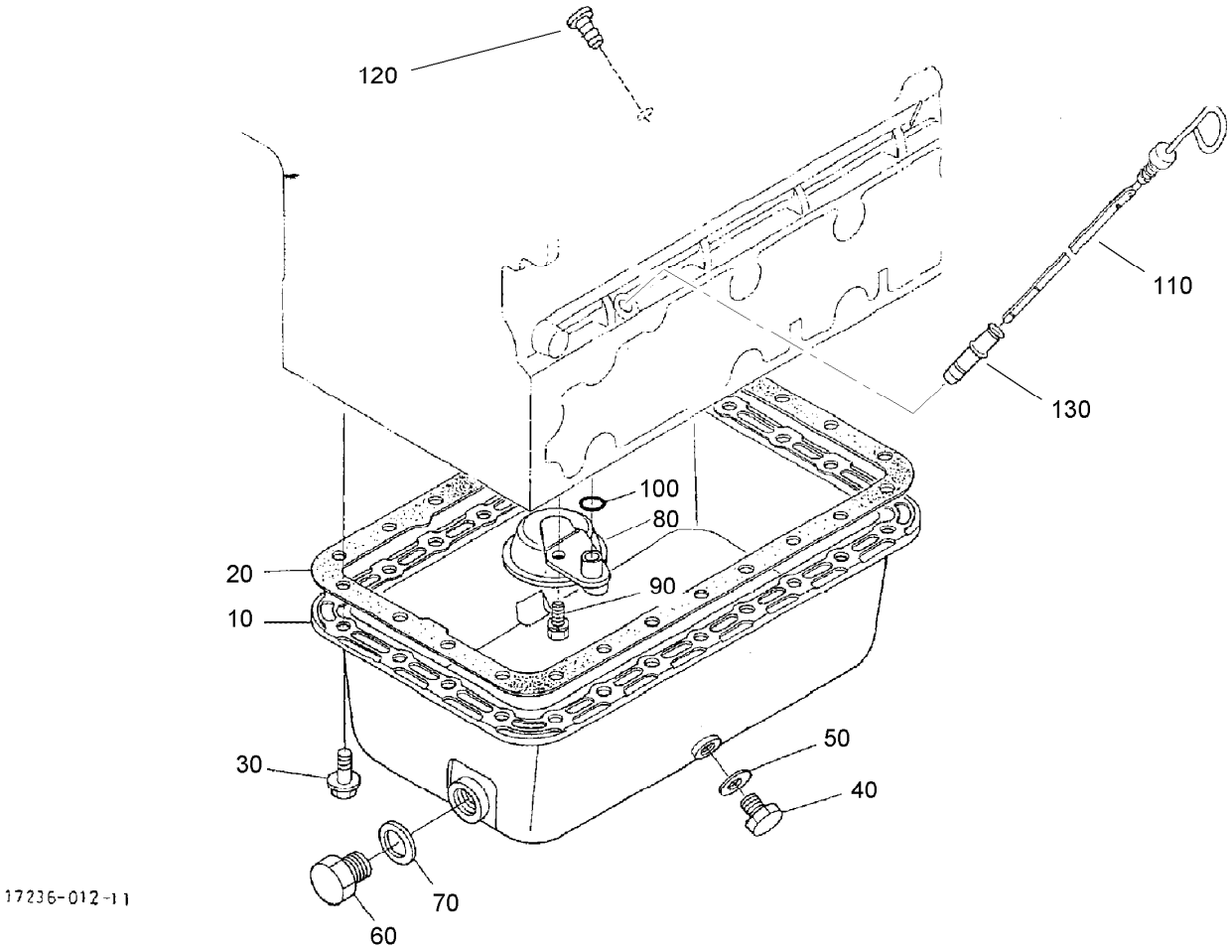
● Not illustrated



Crankcase Assembly

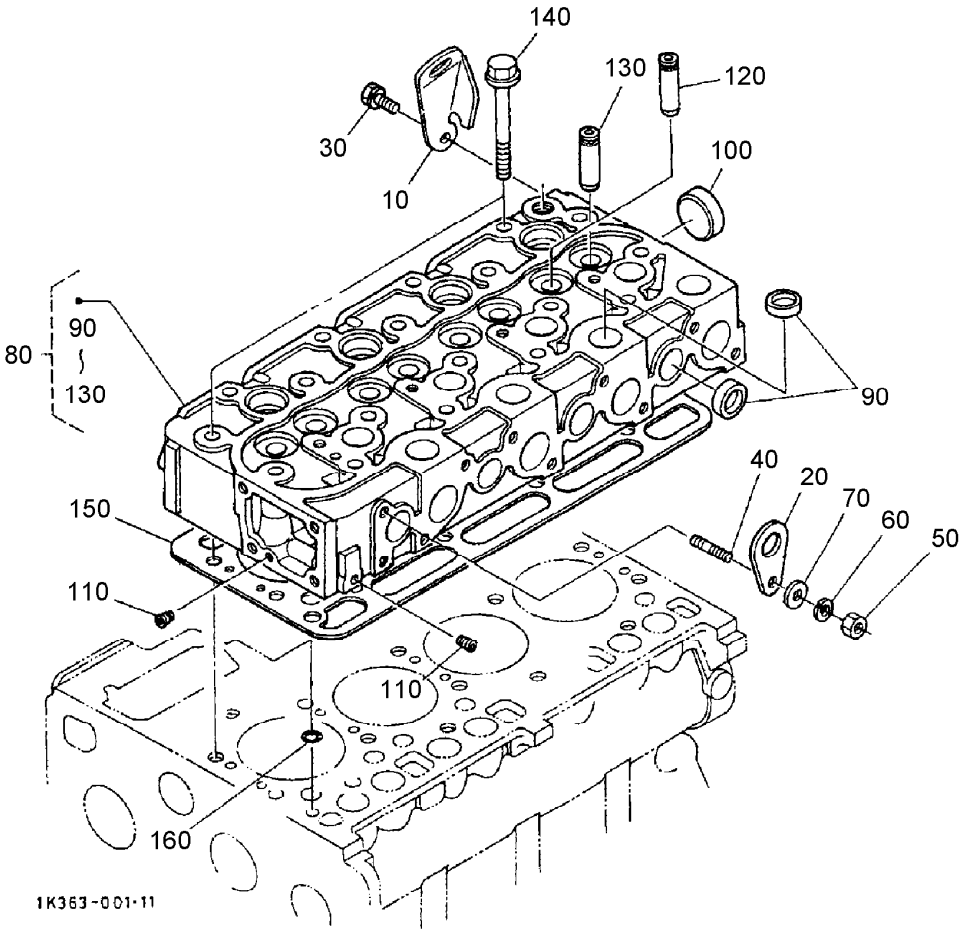
Ref.	Part Number	Qty.	Description
10	108-4413	1	Crankcase ASM
20	98-7486	2	Plug
30	98-7487	6	Plug
40	98-7488	2	Plug
50	98-7489	3	Plug
60	98-9668	1	Plug-Expansion
70	98-7500	6	Cap-Sealing
80	98-7501	2	Cap-Sealing
90	98-7502	2	Pin-Straight
100	98-7503	2	Pin-Straight
110	98-7504	2	Pin-Straight
120	98-7505	1	Pin-Straight
125	105-2883	1	Cap-Sealing

Ref.	Part Number	Qty.	Description
130	98-7506	1	Pin-Pipe
140	110-0012	1	Plug
150	98-7428	1	Gasket
160	98-7509	1	O-Ring
170	98-7510	1	Cock-Drain
180	98-7511	1	Joint-Cock, Drain
190	98-7512	1	Oil Pump ASM
200	98-7513	1	Gasket-Pump, Oil
210	98-7514	4	Bolt
220	98-7515	4	Washer-Spring
230	98-7516	1	Gear-Drive, Oil Pump
240	98-7517	1	Key-Feather
250	98-7518	1	Nut-Flange



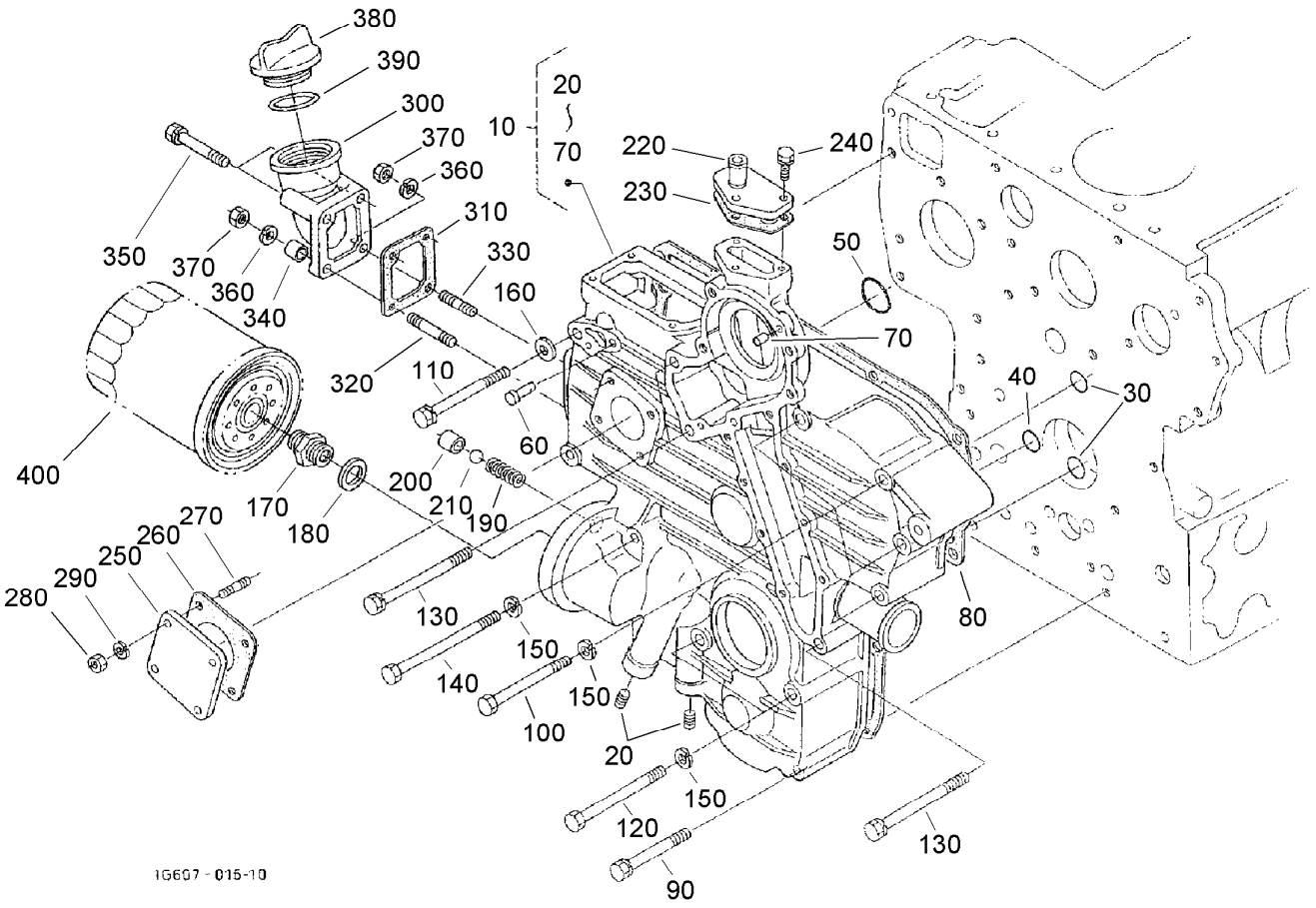
Oil Pan and Dipstick Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7520	1	Pan-Oil
20	108-7053	1	Gasket-Pan, Oil
30	98-7522	24	Bolt-Flange
40	98-9386	1	Plug
50	98-7524	1	Gasket
60	98-7529	1	Plug-Drain
70	98-7528	1	O Ring-Copper
80	98-7525	1	Filter-Oil
90	98-7526	1	Bolt
100	108-7054	1	O-Ring
110	105-4579	1	Gauge-Oil
120	100-9169	1	*obs* Plug-Gauge, Oil
130	105-4580	1	Guide-Gauge, Oil



Cylinder Head Assembly

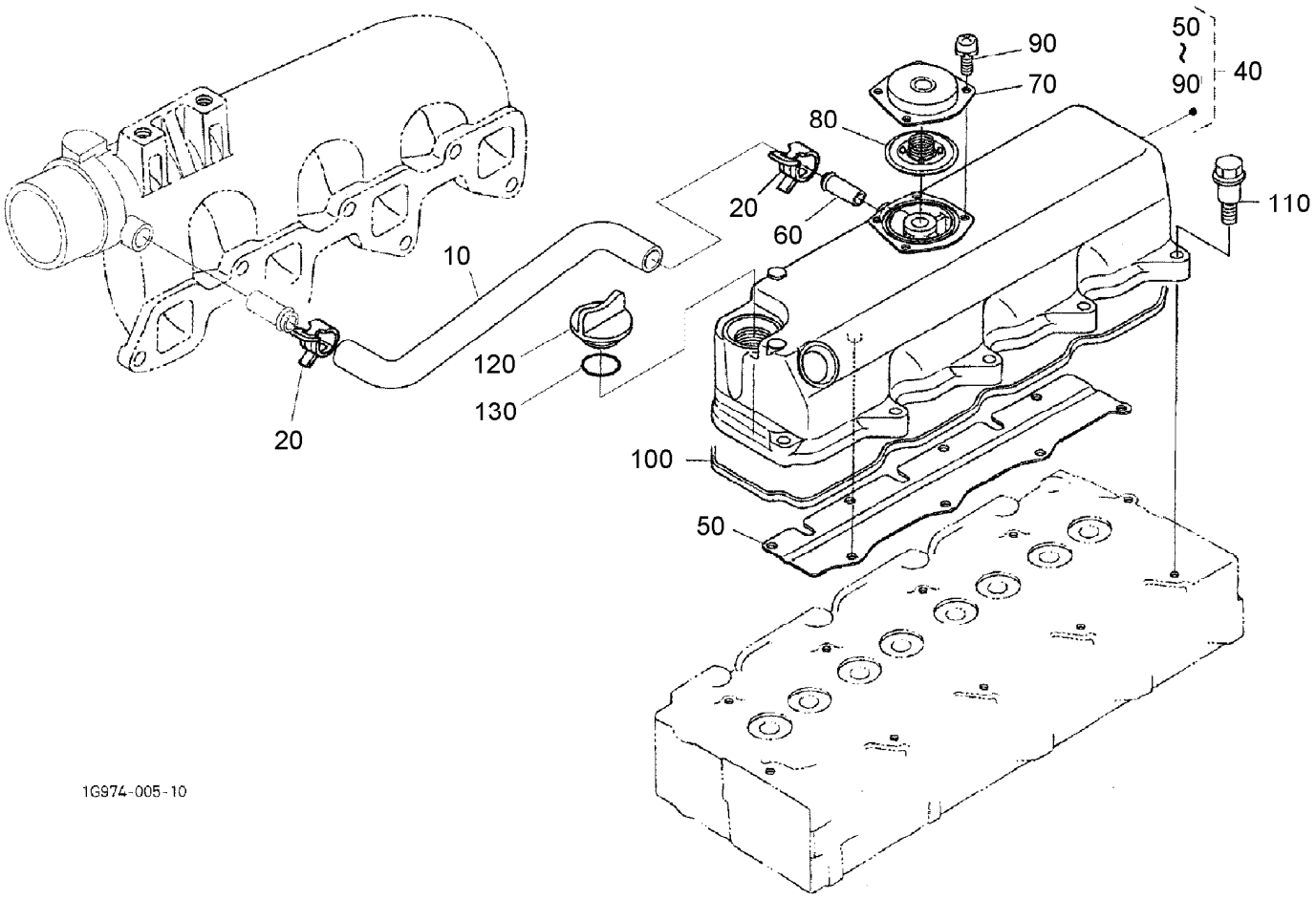
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7530	1	Hook-Engine
20	98-7531	1	Hook-Engine
30	98-7526	1	Bolt
40	98-7533	1	*obs* Stud
50	98-7534	1	Nut
60	98-7535	1	Washer-Spring
70	98-7536	1	Washer-Plain
80	108-4414	1	Cylinder Head ASM
90	98-7538	12	Cap-Sealing
100	98-7539	1	Cap-Sealing
110	98-7540	2	Plug
120	98-7541	4	Guide-Valve, Intake
130	98-7542	4	Guide-Valve, Exhaust
140	98-7543	18	Bolt-Head, Cylinder
150	98-7544	1	Gasket-Head, Cylinder
160	98-7509	1	O-Ring



Gear Case Assembly

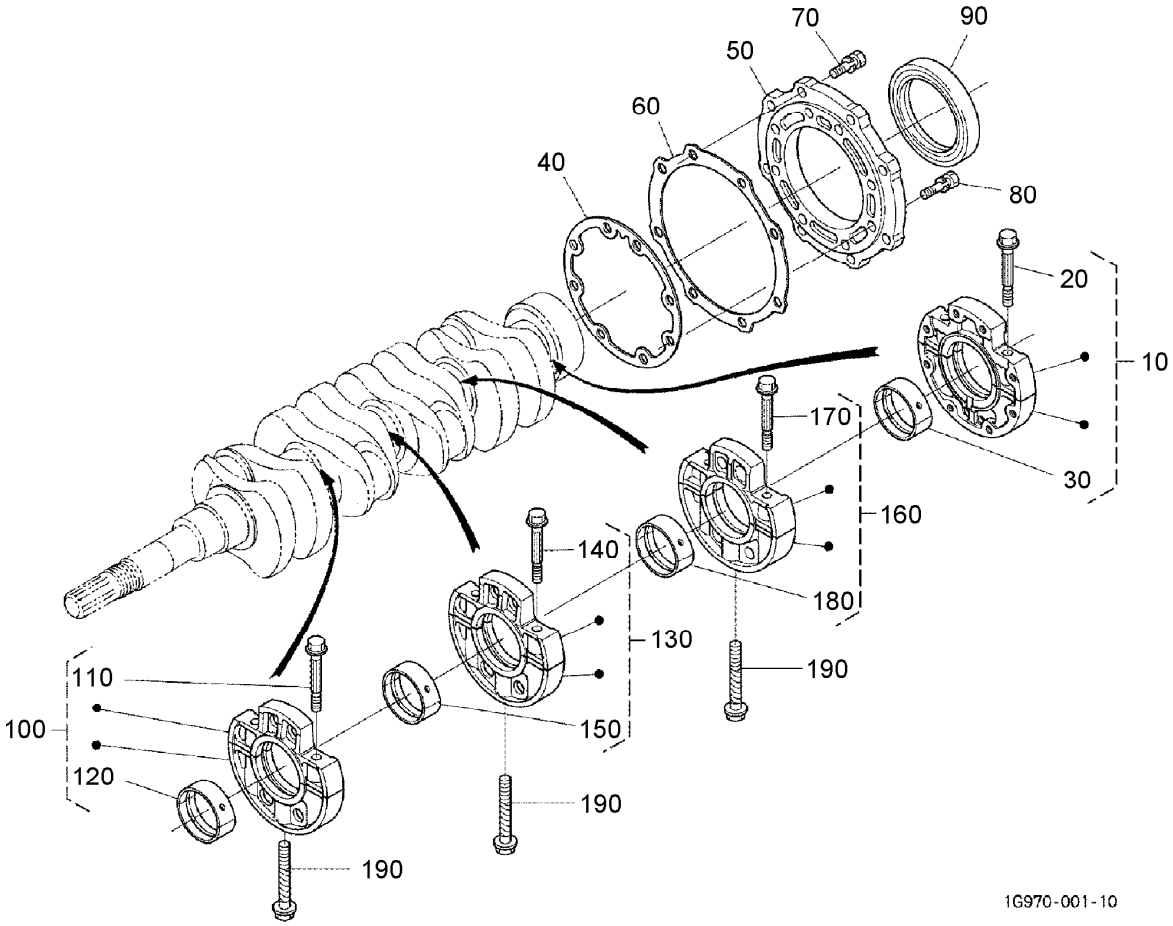
Ref.	Part Number	Qty.	Description
10	100-9161	1	Gearcase ASM
20	107-0108	2	Plug
30	107-0104	2	O-Ring
40	107-0105	1	O-Ring
50	107-0106	1	O-Ring
60	98-7550	1	Pin-Spring, Start
70	98-7504	2	Pin-Straight
80	98-7552	1	Packing-Case, Gear
90	98-7553	2	Bolt
100	98-7554	5	Bolt
110	98-7555	1	Bolt
120	98-7556	2	Bolt
130	98-7557	3	Bolt
140	98-7558	2	Bolt
150	98-7535	9	Washer-Spring
160	98-7536	1	Washer-Plain
170	98-7561	1	Joint-Pipe
180	108-4419	1	Collar-Valve Seat
190	98-7563	1	Spring
200	98-7564	1	Seat-Valve

Ref.	Part Number	Qty.	Description
210	98-7565	1	Ball
220	98-7566	1	Flange-Return, Water
230	98-7567	1	Gasket
240	98-7568	1	Bolt
250	98-7569	1	Cover
260	98-7570	1	Gasket-Meter, Hour
270	98-7571	4	Stud
280	98-7572	4	Nut
290	98-7699	4	Washer-Spring
300	100-9162	1	Flange-Filter, Oil
310	100-9163	1	Gasket
320	98-7571	1	Stud
330	100-9164	1	Stud
340	100-9165	1	Collar
350	107-9073	2	Bolt
360	98-7699	2	Washer-Spring
370	98-7572	2	Nut
380	98-7429	1	Plug-Filter, Oil
390	108-7064	1	O-Ring
400	104-5169	1	Filter-Oil



Head Cover Assembly

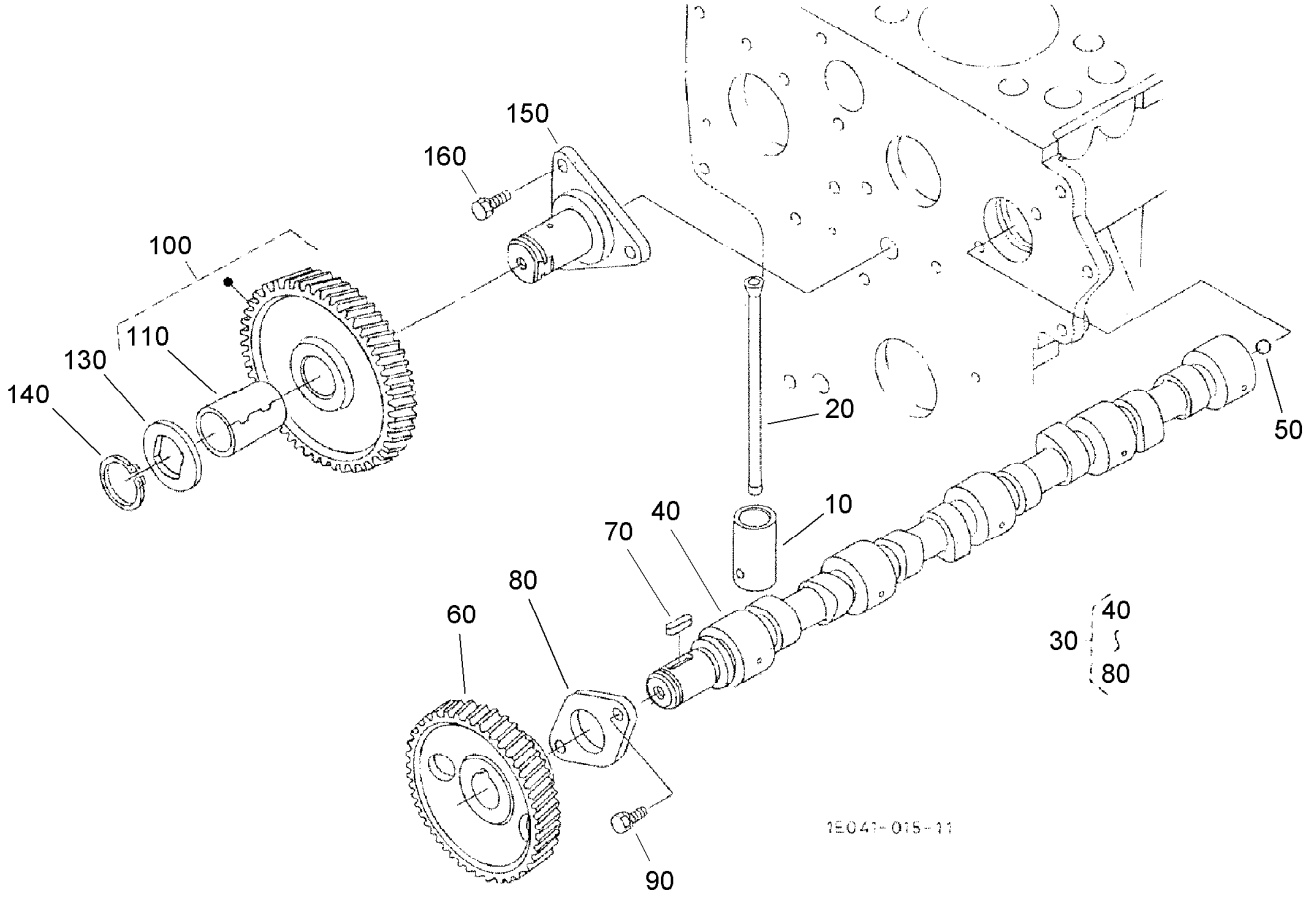
Ref.	*Part Number*	*Qty.*	*Description*
10	108-4415	1	Tube-Breather
20	105-2879	2	Clamp-Hose
40	108-4416	1	Cylinder Head Cover ASM
50	108-7059	2	Shield-Breather
60	98-7766	1	Pipe-Return, Water
70	108-2862	1	Cover-Breather
80	108-2861	1	Breather Valve ASM
90	98-9364	4	Screw (With Washer)
100	108-7062	1	Gasket-Cover, Head
110	108-7063	10	Bolt
120	98-7429	1	Plug-Filter, Oil
130	108-7064	1	O-Ring



Main Bearing Assembly

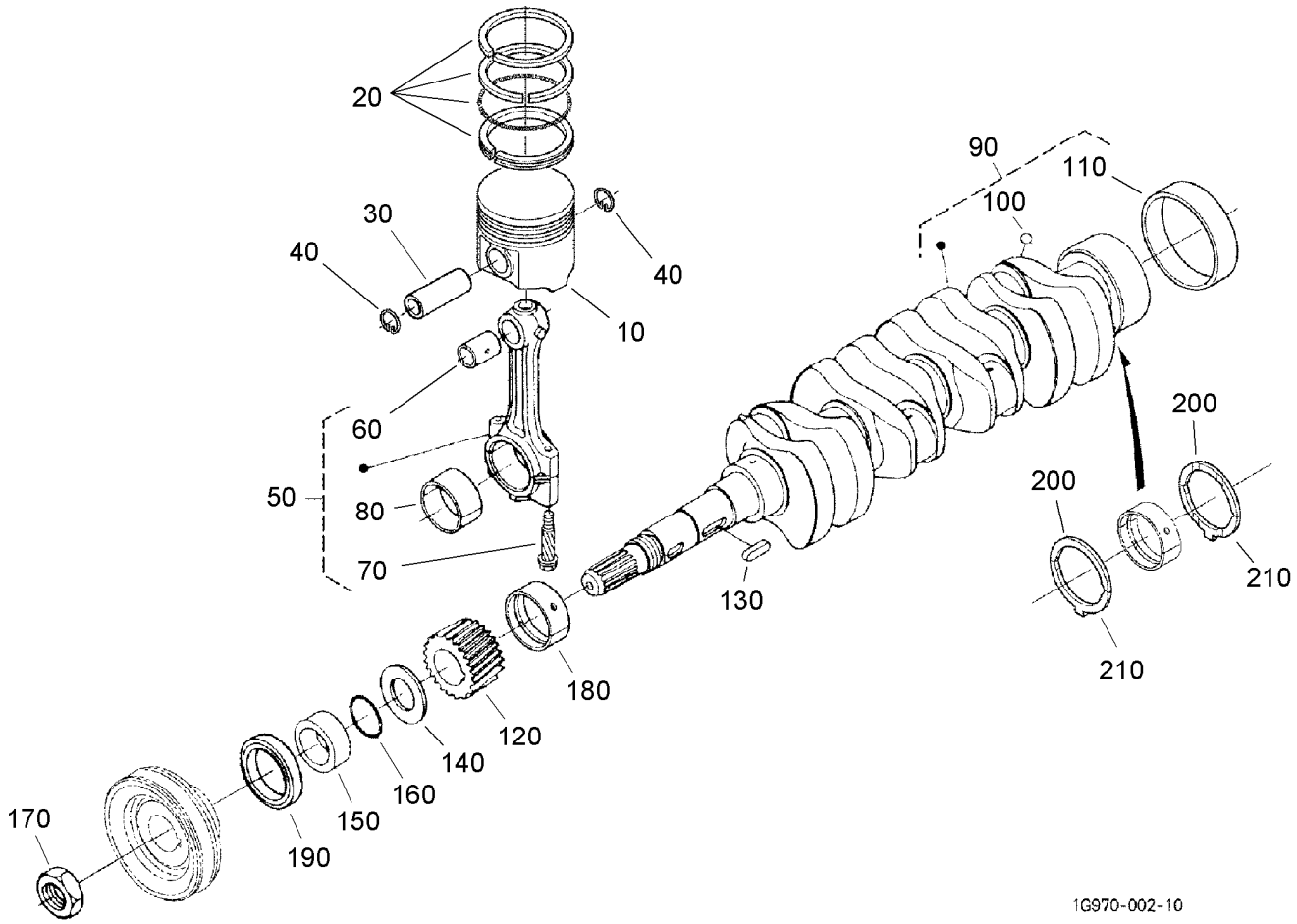
Ref.	Part Number	Qty.	Description
10	108-4417	1	Wheel Bearing Case ASM
20	108-7066	8	Bolt-Case, Bearing
30	108-7067	1	Metal-Crankshaft (STD)
30	108-7068	1	Metal-Crankshaft (-0.20Mm)
30	108-7069	1	Metal-Crankshaft (-0.40Mm)
40	108-7070	1	Gasket-Case, Bearing
50	108-7071	1	Cover-Case, Bearing
60	98-7437	1	Gasket-Case Cover, Bearing
70	98-7438	8	Bolt
80	98-7439	8	Bolt
90	108-7072	1	Seal-Oil
100	110-0013	1	Main Bearing Case ASM
110	108-7066	2	Bolt-Case, Bearing

Ref.	Part Number	Qty.	Description
120	108-7067	1	Metal-Crankshaft (STD)
120	108-7068	1	Metal-Crankshaft (-0.20Mm)
120	108-7069	1	Metal-Crankshaft (-0.40Mm)
130	110-0014	1	Main Bearing Case ASM
140	108-7066	2	Bolt-Case, Bearing
150	108-7067	1	Metal-Crankshaft (STD)
150	108-7068	1	Metal-Crankshaft (-0.20Mm)
150	108-7069	1	Metal-Crankshaft (-0.40Mm)
160	110-0015	1	Main Bearing Case ASM
170	108-7066	2	Bolt-Case, Bearing
180	108-7067	1	Metal-Crankshaft (STD)
180	108-7068	1	Metal-Crankshaft (-0.20Mm)
180	108-7069	1	Metal-Crankshaft (-0.40Mm)
190	98-7444	3	Bolt-Case, Bearing



Camshaft and Idle Gear Shaft Assembly

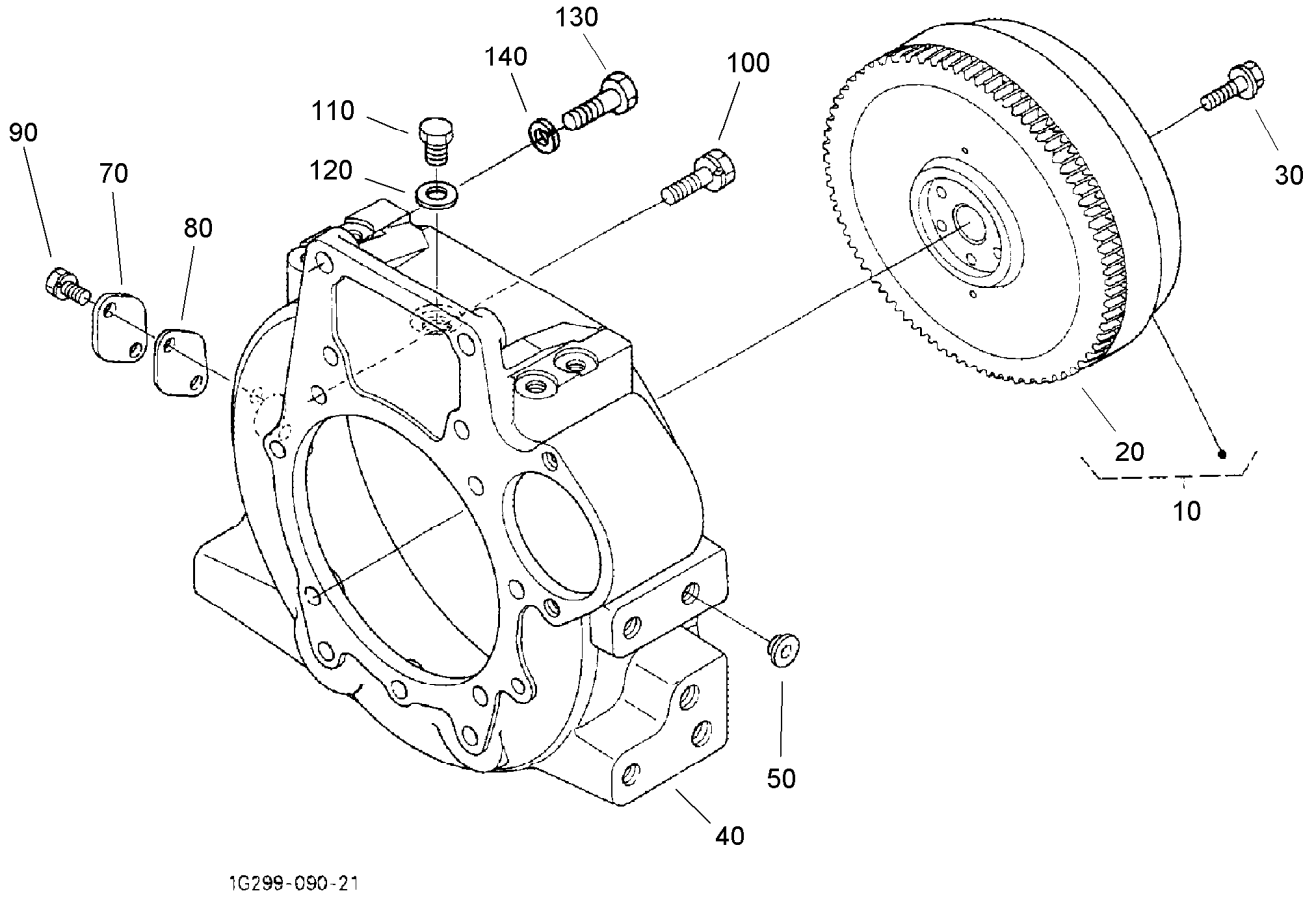
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7445	8	Tappet
20	98-7446	8	Rod-Push
30	98-7447	1	Camshaft ASM
40	98-7448	1	Camshaft
50	98-7473	1	Ball
60	98-7450	1	Gear-Camshaft
70	98-7451	1	Key-Feather
80	98-7452	1	Stopper-Camshaft
90	98-7453	2	Bolt
100	107-0109	1	Gear-Idler
110	98-7455	1	Bushing-Gear, Idler
130	107-0111	1	Collar
140	107-0112	1	Circlip-External
150	107-0113	1	Shaft-Gear, Idler
160	98-7453	3	Bolt



Piston and Crankshaft Assembly

Ref.	Part Number	Qty.	Description
10	98-7461	4	Piston
10	98-7460	4	Piston** Obs** See 115-4112
20	98-7462	4	Piston Ring ASM
20	98-7463	4	Piston Ring ASM
30	98-7464	4	Pin-Piston
40	98-7465	8	Clip-Pin, Piston
50	98-7466	4	Connecting Rod ASM
60	98-7467	4	Bushing-Pin, Piston
70	98-7468	8	Bolt-Rod, Connecting
80	98-7469	4	Metal-Crankpin (STD)
80	98-7470	4	Metal-Crankpin (-0.20Mm)
80	98-7471	4	Metal-Crankpin (-0.40Mm)
90	98-7472	1	Crankshaft-Complete
100	98-7473	4	Ball
110	98-7474	1	Sleeve-Crankshaft

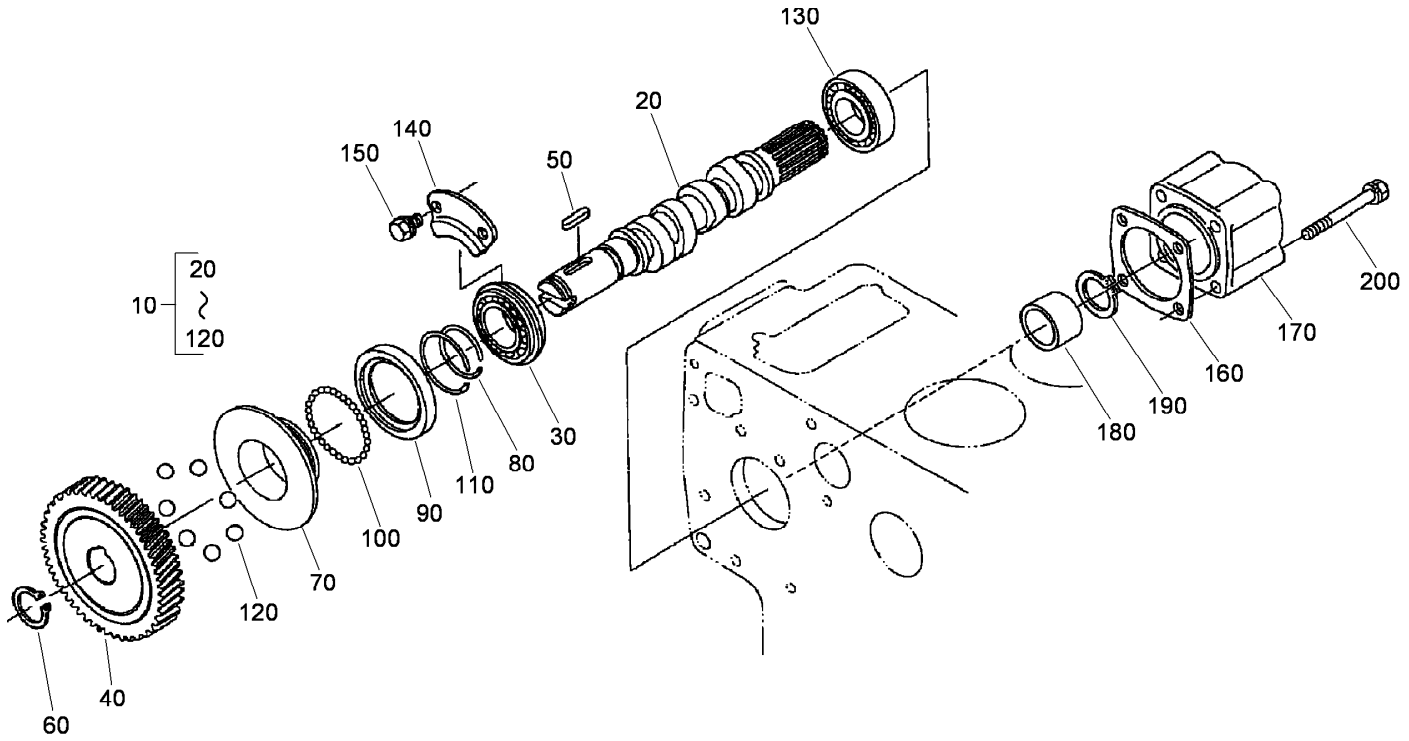
Ref.	Part Number	Qty.	Description
120	98-7475	1	Gear-Crankshaft
130	98-7451	1	Key-Feather
140	98-7476	1	Slinger-Oil
150	98-7477	1	Collar-Crankshaft
160	98-7478	1	O-Ring
170	98-7479	1	Nut-Crankshaft
180	108-7077	1	Metal-Crankshaft (-0.40Mm)
180	108-7076	1	Metal-Crankshaft (-0.20Mm)
180	108-7075	1	Metal-Crankshaft (STD)
190	98-7480	1	Seal-Oil
200	108-7080	2	Metal-Side (+0.40Mm)
200	108-7079	2	Metal-Side (+0.20Mm)
200	108-7078	2	Metal-Side (STD)
210	108-7083	2	Metal-Side (+0.40Mm)
210	108-7082	2	Metal-Side (+0.20Mm)
210	108-7081	2	Metal-Side (STD)



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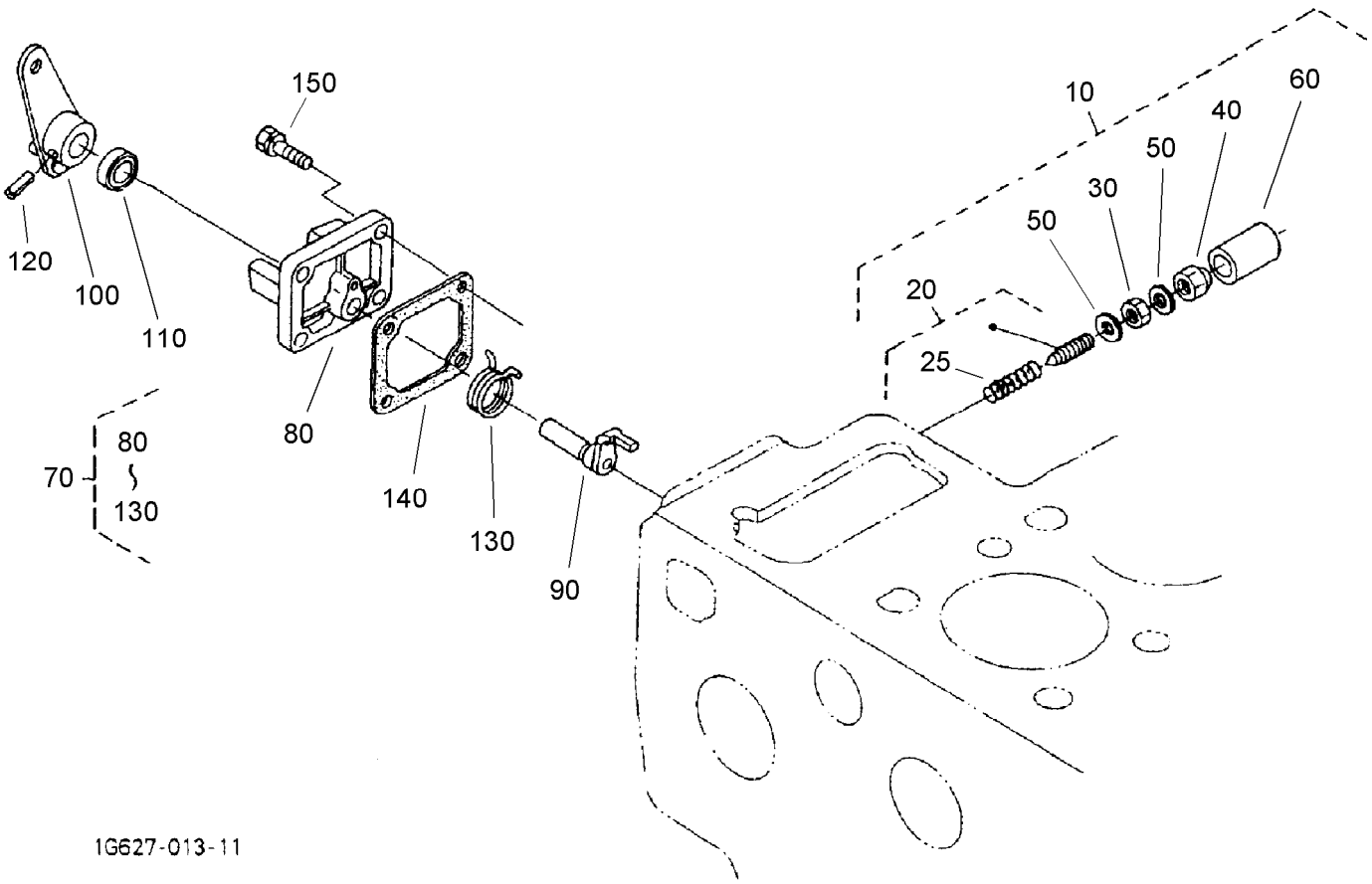
Flywheel Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7532	1	Flywheel
20	98-7560	1	Gear-Ring
30	98-7573	6	Bolt-Flywheel
40	98-7559	1	Housing-Flywheel
50	100-9189	2	Plug
70	98-7883	1	Cover
80	98-7886	1	Gasket
90	98-7526	2	Bolt
100	98-7885	11	Bolt
110	98-7546	1	Plug
120	100-9194	1	Washer-Plain
130	107-0114	2	Bolt
140	107-0118	2	Washer-Spring



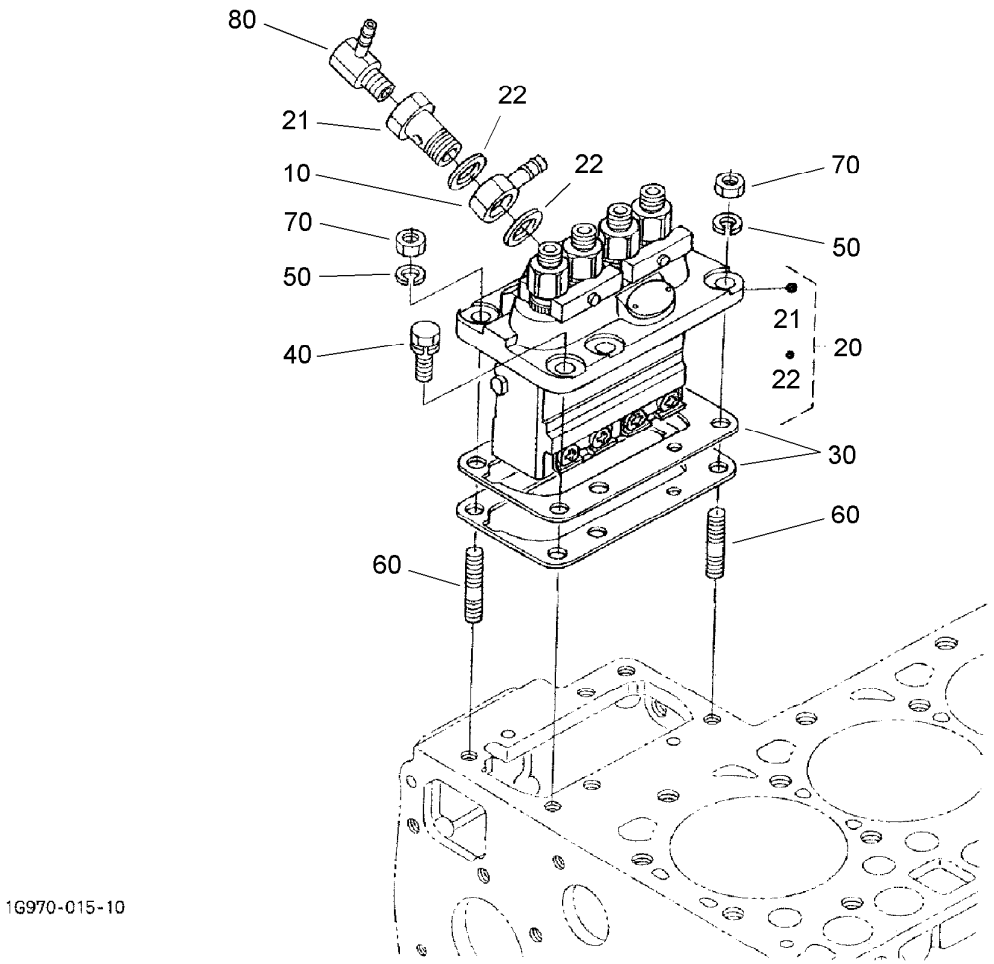
Fuel Camshaft and Governor Shaft Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7551	1	Fuel Camshaft ASM
20	98-7508	1	Camshaft-Fuel
30	98-7595	1	Bearing-Ball
40	98-7574	1	Gear-Pump, Injection
50	98-7575	1	Key-Feather
60	98-7576	1	Circlip-External
70	98-7577	1	Sleeve-Governor
80	98-7578	1	Circlip-Sleeve, Governor
90	98-7579	1	Case-Ball, Governor
100	98-7580	39	Ball
110	98-7581	1	Circlip
120	98-7582	7	Ball
130	108-7084	1	Bearing-Ball
140	98-7584	1	Stopper
150	100-9195	2	Bolt
160	98-7588	1	Gasket
170	98-7586	1	Cover-Fuel, Camshaft
180	98-7587	1	Collar
190	98-7589	1	Circlip-External
200	98-7590	4	Bolt



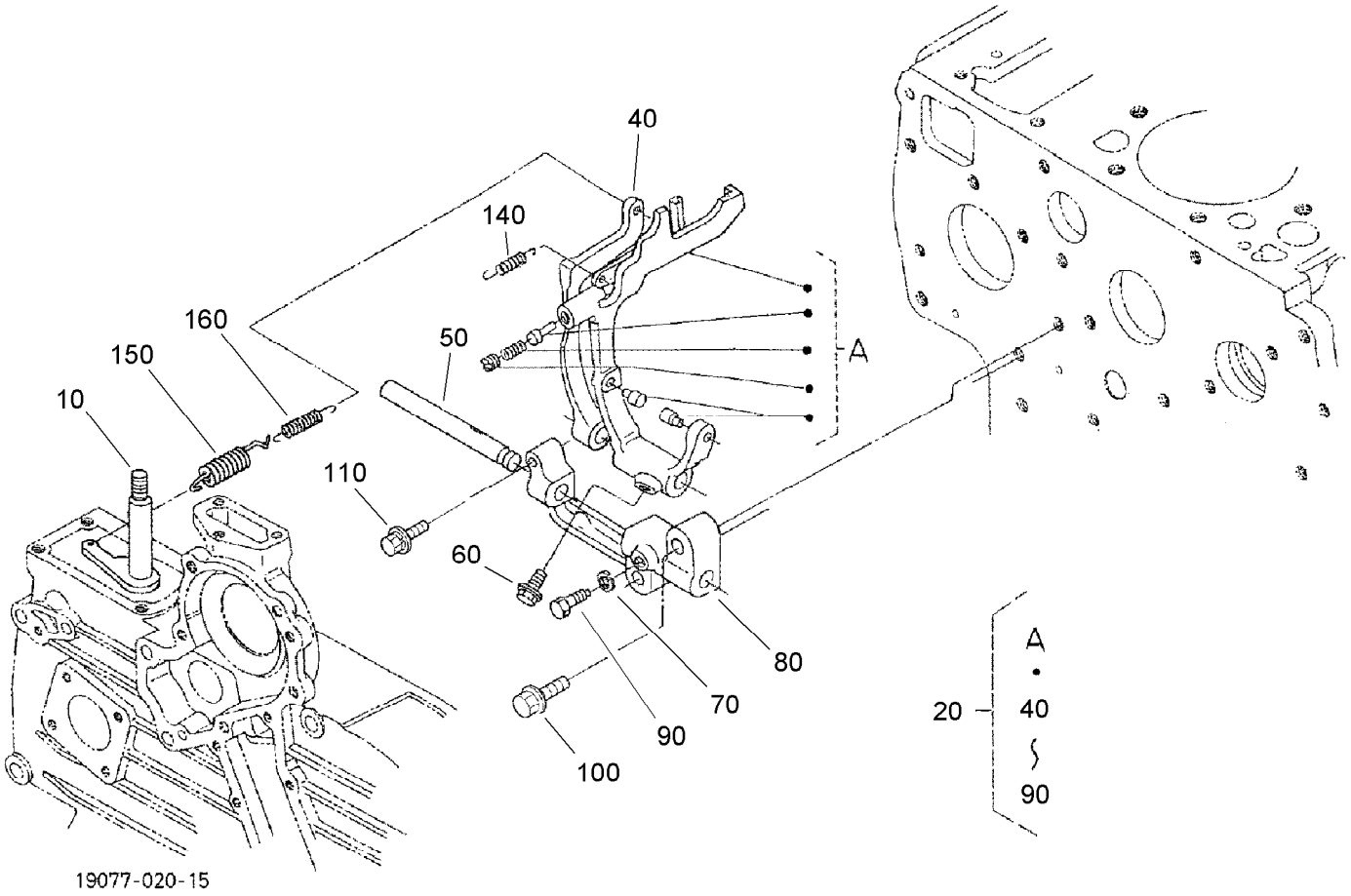
Engine Stop Lever Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7591	1	Idle Appartus ASM
20	98-7592	1	Adjusting Bolt ASM
25	110-0016	1	Spring
30	98-7593	1	Nut
40	98-7594	1	Nut-Cap
50	98-7428	2	Gasket
60	98-7596	1	Cap
70	100-9198	1	Engine Stop Lever ASM
80	98-7598	1	Cover-Pump, Injection
90	100-9200	1	Shaft-Lever
100	98-7600	1	Lever-Stop, Engine
110	98-7601	1	Seal-Oil
120	98-7602	1	Pin-Spring
130	98-7603	1	Spring-Return
140	98-7604	1	Gasket-Cover, Pump
150	98-7605	4	Bolt



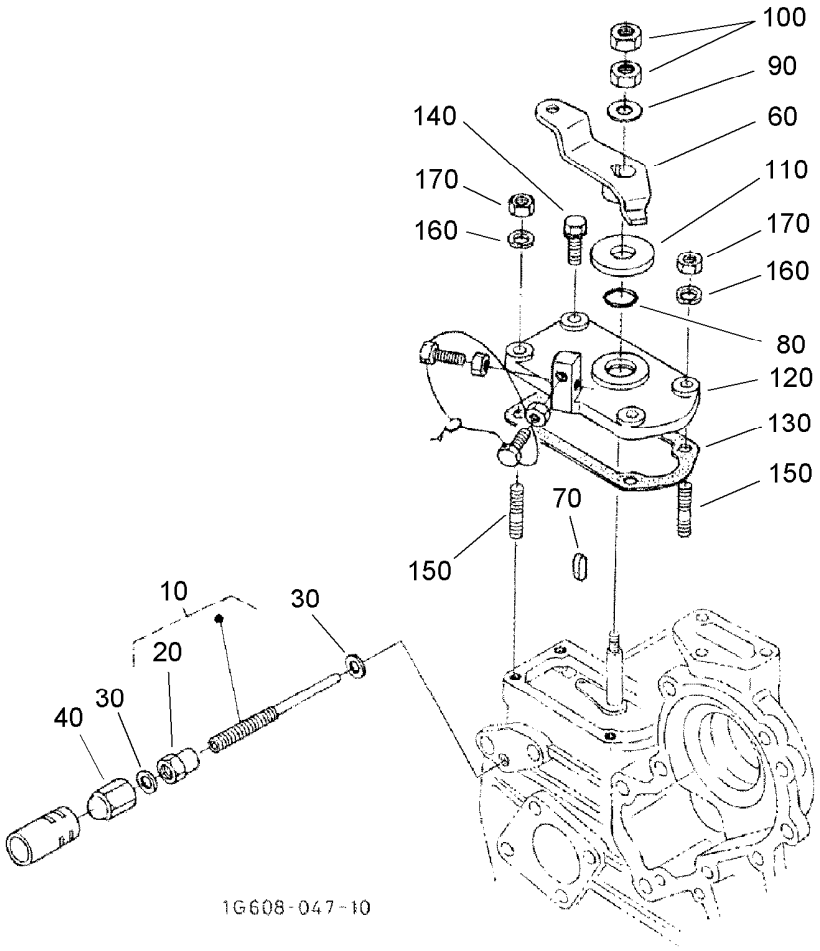
Injection Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7617	1	Joint
20	108-4418	1	Injection Pump ASM
21	98-7635	1	Screw
22	98-7636	2	Gasket
30	98-7607	1	Shim-Pump, Injection (0.200Mm)
30	98-7608	1	Shim
30	98-7609	1	Shim-Pump, Injection
40	98-7610	4	Bolt
50	98-7535	2	Washer-Spring
60	100-1558	2	Stud-Manifold, Exhaust
70	98-7534	2	Nut
80	107-4300	1	Orifice ASM



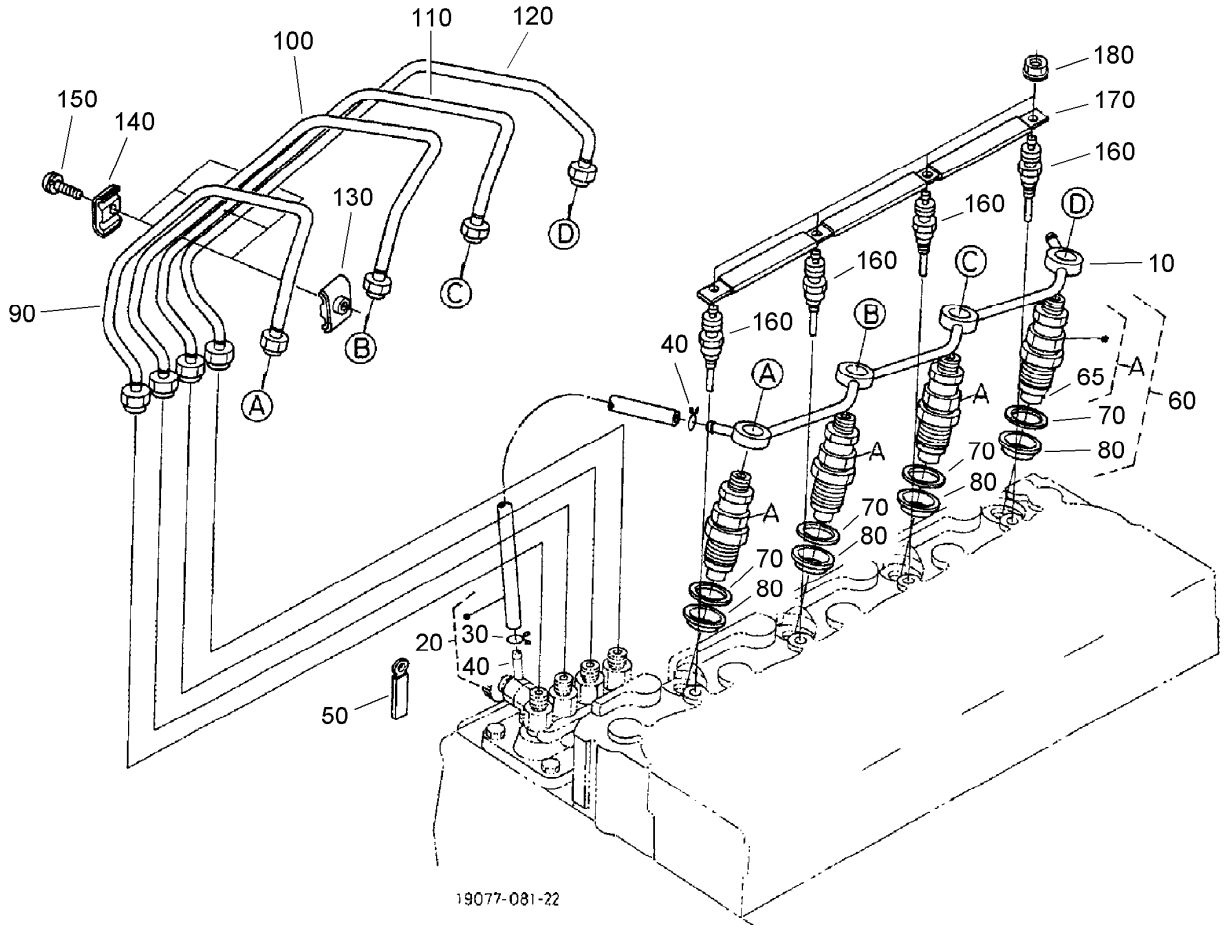
Governor Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7638	1	Lever-Governor
20	110-0017	1	Fork Lever ASM
40	100-9206	1	Lever-Fork
50	107-0120	1	Shaft-Lever, Fork
60	107-0116	1	Bolt-Flange
70	98-7699	1	Washer-Spring
80	98-7643	1	Holder-Lever, Fork
90	98-7644	1	Bolt
100	108-7085	2	Bolt-Flange
110	108-7086	1	Bolt
140	100-9207	1	Spring-Start
150	98-7650	1	Spring-Governor
160	98-7651	1	Spring-Governor



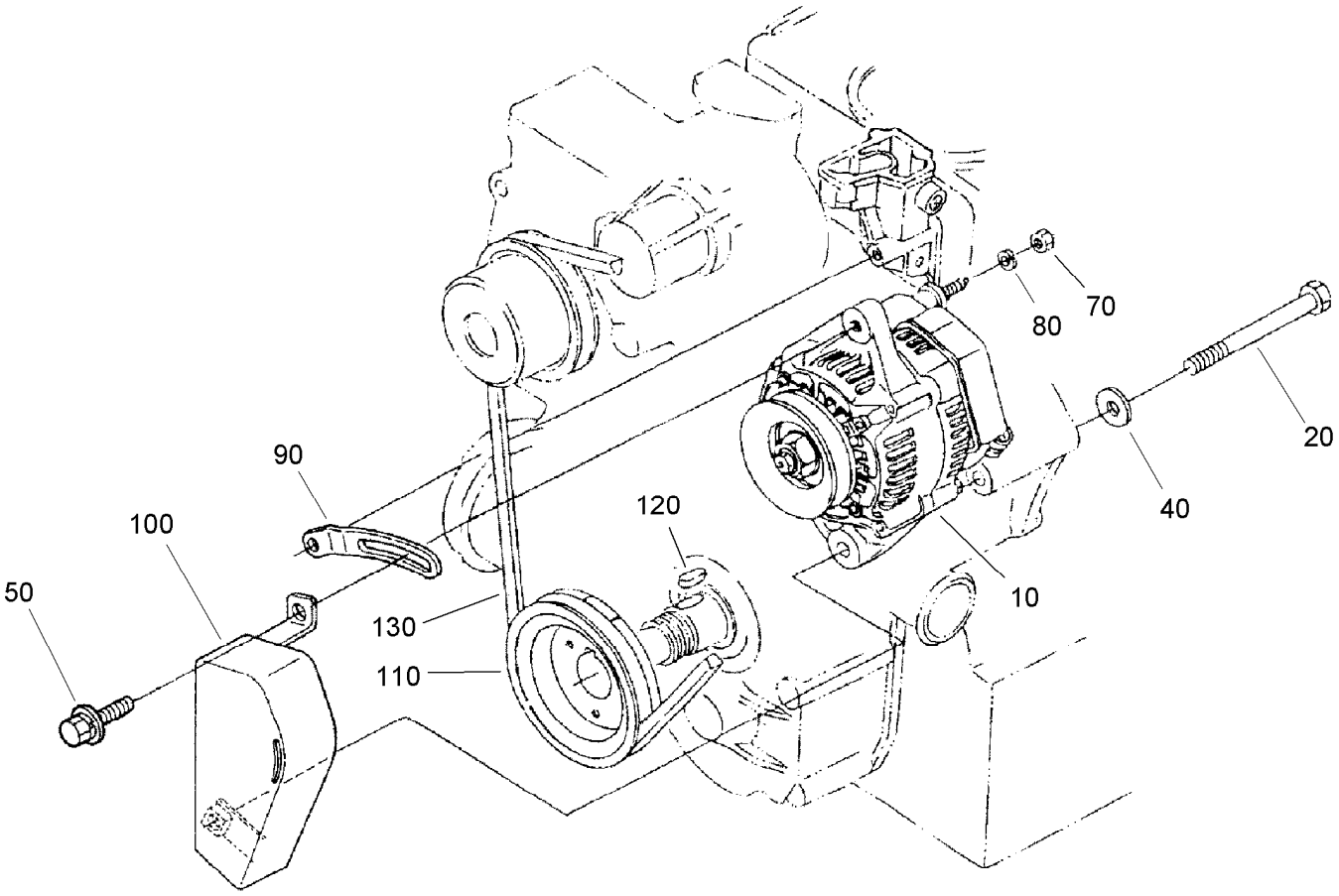
Speed Control Plate Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	107-0132	1	Adjustable Bolt ASM
20	98-7653	1	Nut
30	98-7654	2	Gasket
40	98-7655	1	Nut-Cap
60	98-7657	1	Lever-Control, Speed
70	98-7658	1	Key-Feather
80	98-7659	1	O-Ring
90	98-7660	1	Washer-Plain
100	98-7661	2	Nut
110	98-7662	1	Collar
120	98-7663	1	Plate-Control, Speed
130	98-7664	1	Gasket
140	98-7568	2	Bolt
150	98-7571	2	Stud
160	98-7699	2	Washer-Spring
170	98-7572	2	Nut



Nozzle Holder and Glow Plug Assembly

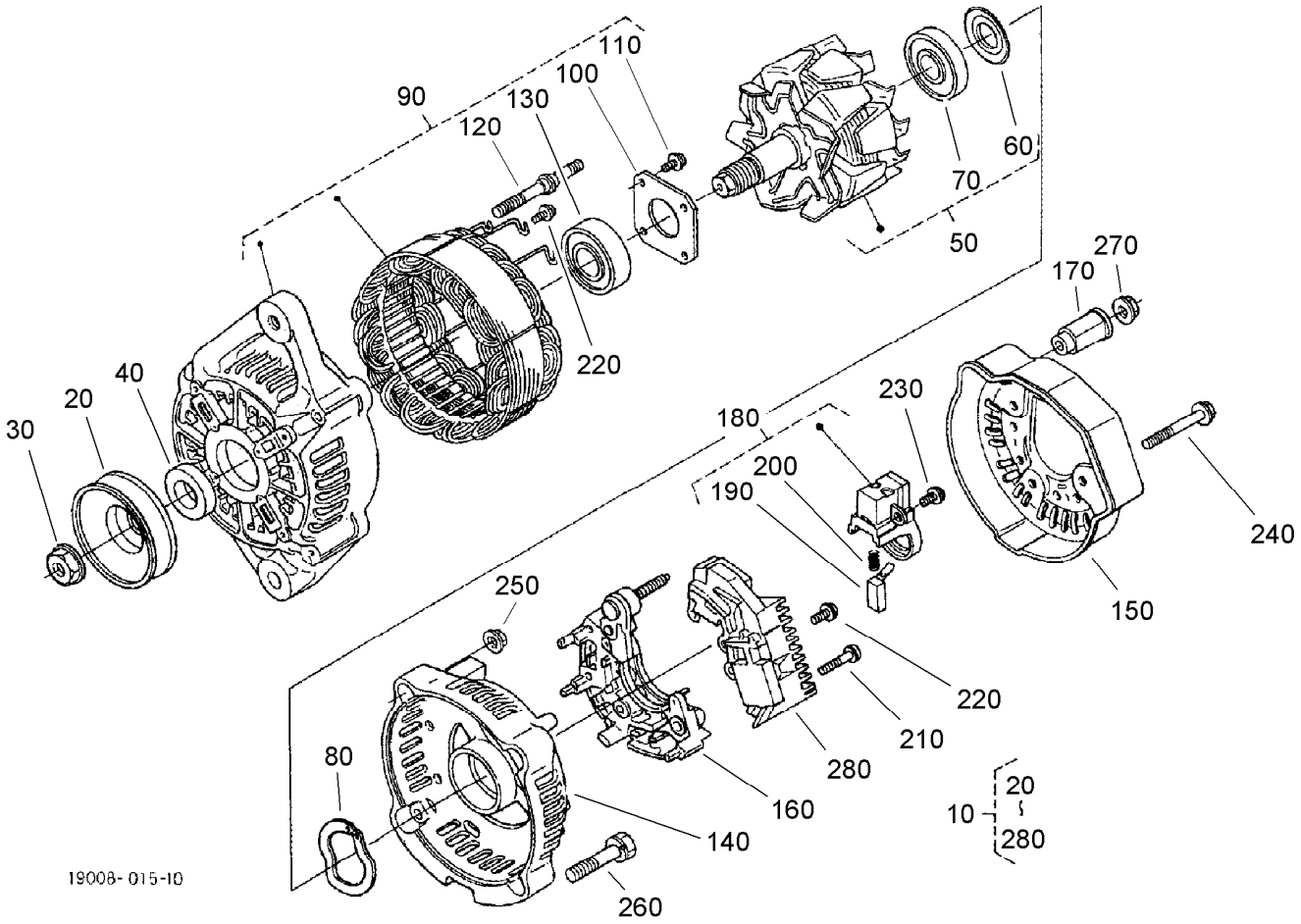
Ref.	*Part Number*	*Qty.*	*Description*
10	100-9213	1	Overflow Pipe ASM
20	98-7670	1	Overflow Pipe ASM
30	98-7671	1	Clip-Pipe
40	98-7672	1	Clip-Pipe
50	98-7673	1	Clamp-Cord
60	98-7687	4	Nozzle Holder Kit
65	98-7675	4	Piece-Nozzle
70	98-7676	4	Gasket
80	98-7677	4	Seal-Heat
90	98-7678	1	Pipe-Injection
100	98-7679	1	Pipe-Injection
110	98-7680	1	Pipe-Injection
120	98-7681	1	Pipe-Injection
130	98-7682	3	Clamp-Pipe
140	98-7683	3	Clamp-Pipe
150	98-7684	3	Screw (W/Washer)
160	98-7685	4	Plug-Glow
170	98-7686	1	Cord-Plug, Glow
180	99-8377	4	Nut-Flange



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Alternator and Pulley Assembly

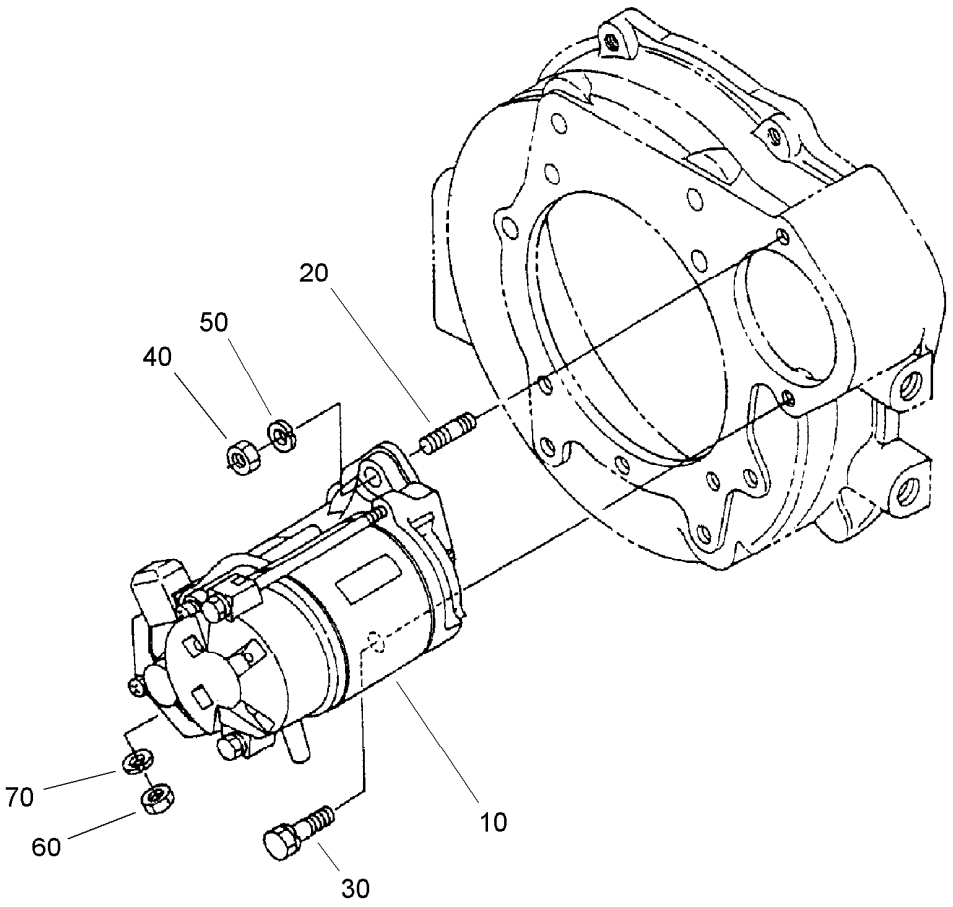
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7693	1	Alternator ASM
20	98-7695	1	Bolt
40	98-9366	1	Washer-Plain
50	108-7088	1	Bolt
70	98-7572	1	Nut
80	98-7699	1	Washer-Spring
90	98-7694	1	Bracket-Alternator
100	98-7701	1	Cover-Belt
110	98-7703	1	Pulley-Drive, Fan
120	98-7451	1	Key-Feather
130	98-7705	1	V-Belt



Alternator (Component Part) Assembly

Ref.	Part Number	Qty.	Description
10	98-7693	1	Alternator ASM
20	98-7707	1	Pulley-Alternator
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0137	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	98-7718	1	Bearing-Ball
140	98-7719	1	Frame-End

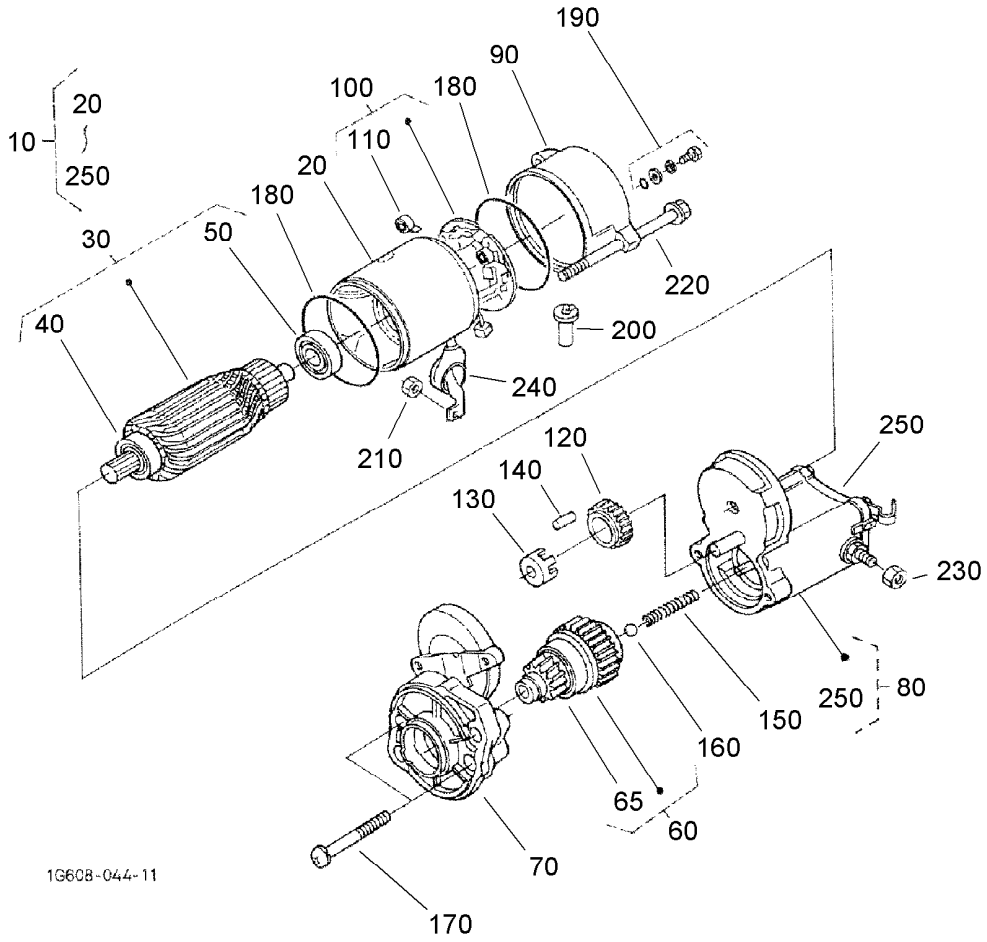
Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	98-9476	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	107-9088	1	Regulator ASM



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Starter Assembly

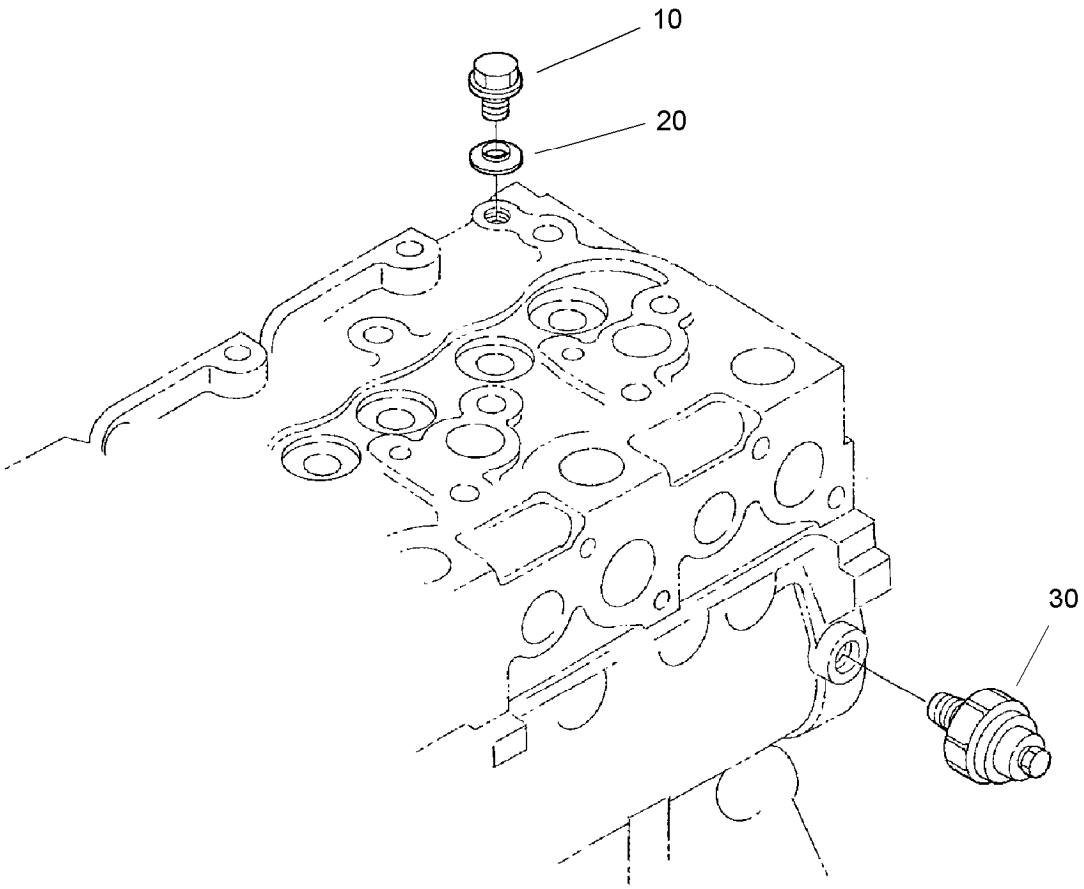
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7734	1	Starter ASM
20	98-7735	1	Stud
30	98-7736	1	Bolt
40	98-7737	1	Nut
50	98-7738	1	Washer-Spring
60	98-7739	1	Nut
70	98-7535	1	Washer-Spring



Starter (Component Part) Assembly No. 98-7734

Ref.	Part Number	Qty.	Description
10	98-7734	1	Starter ASM
20	98-7741	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	98-7745	1	Clutch-Running, Over
65	105-2887	1	Pinion-Bevel
70	98-7746	1	Frame-End, Drive
80	110-0019	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	98-7750	4	Spring-Brush
120	98-7751	1	Gear

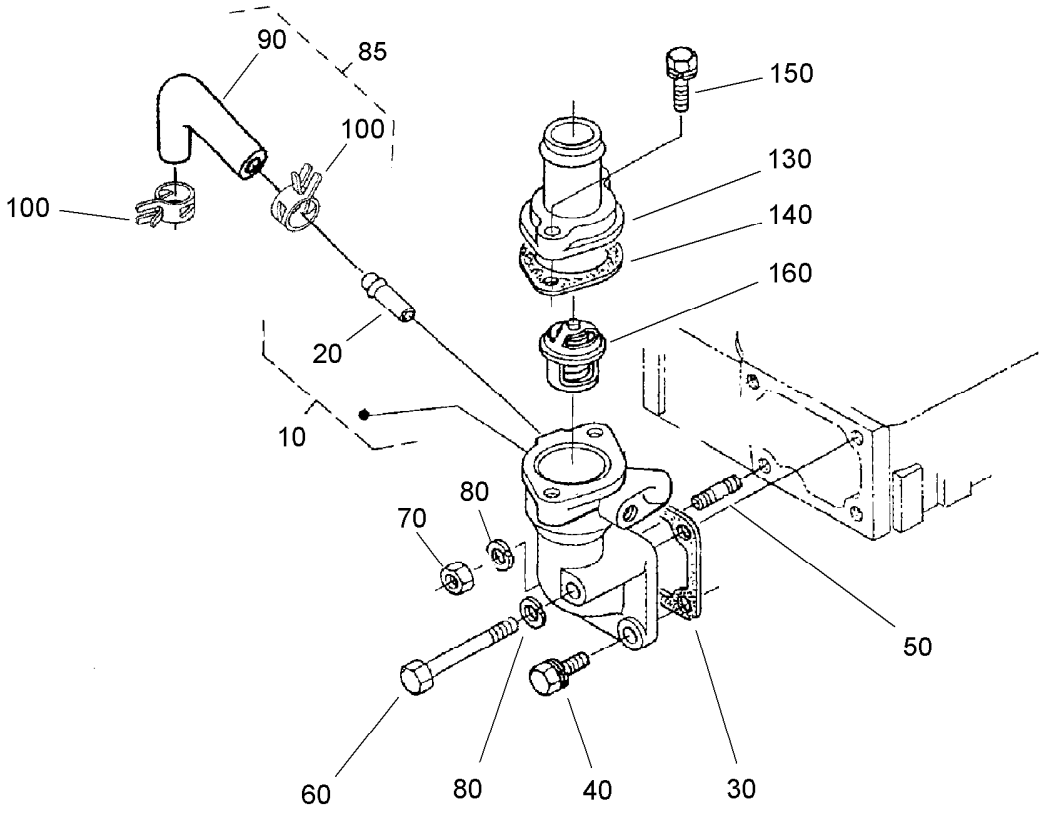
Ref.	Part Number	Qty.	Description
130	98-7752	1	Retainer
140	98-7753	5	Roller
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	98-7758	2	Bolt ASM
200	98-7759	1	Pipe-Drain
210	98-7760	1	Nut-Hex
220	100-9240	2	Bolt
230	99-8376	1	Nut-Hex
240	110-0020	1	Cover-Terminal
250	105-2866	1	O-Ring



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Oil Switch and Plug Assembly

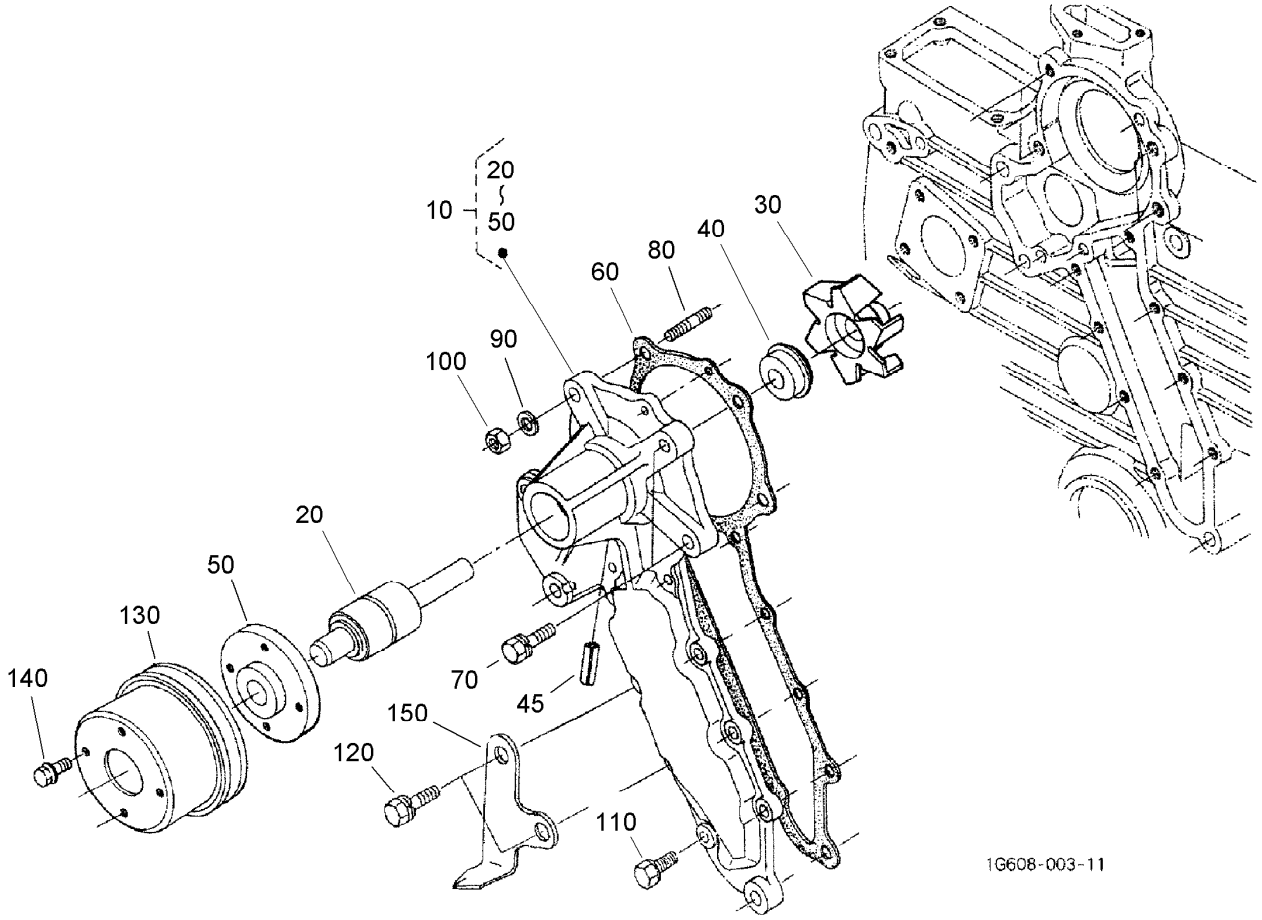
Ref.	*Part Number*	*Qty.*	*Description*
10	98-7762	1	Plug
20	98-7763	1	Washer-W/Rubber
30	98-7764	1	Switch-Oil



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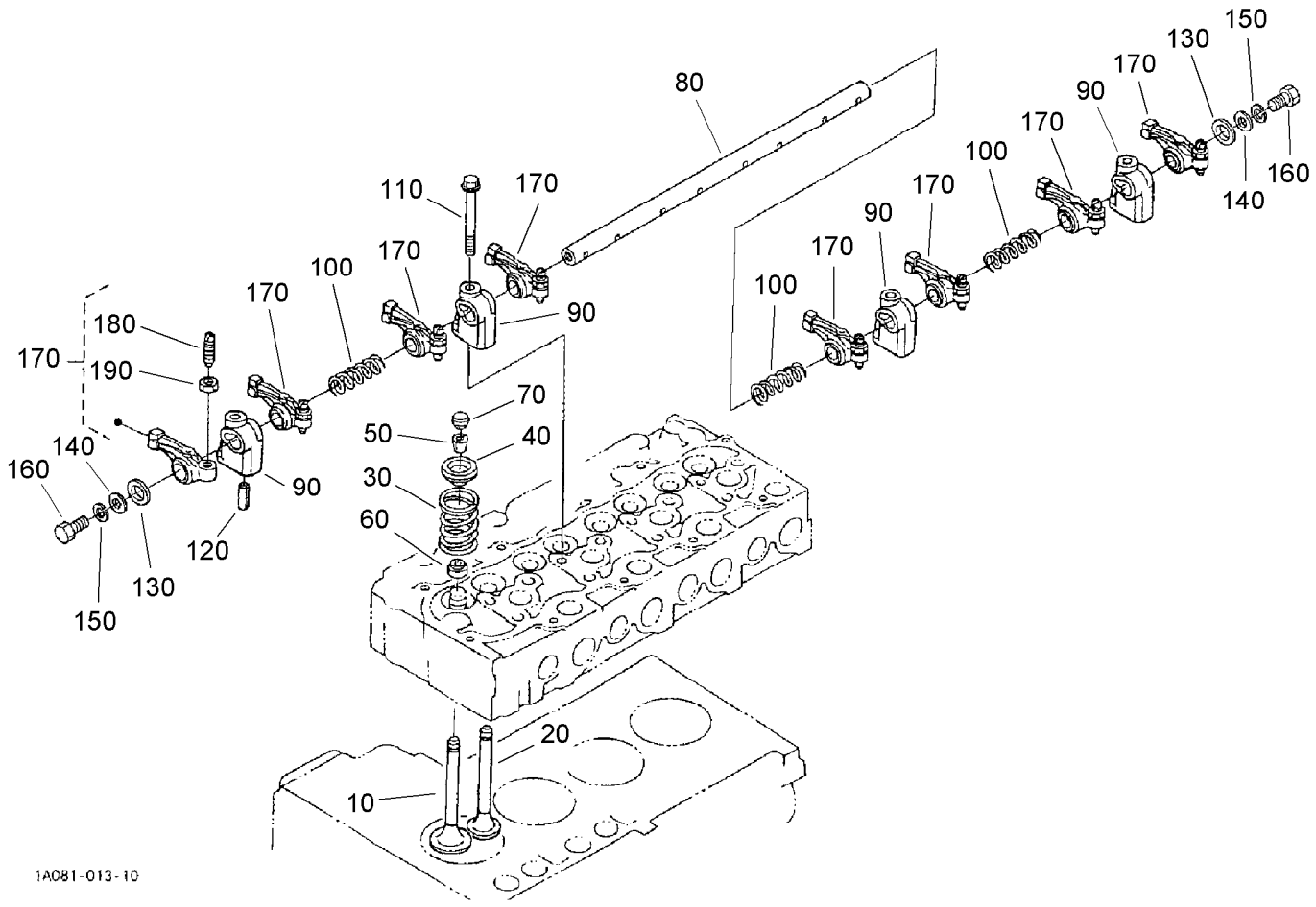
Water Flange and Thermostat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7765	1	Water Flange ASM
20	98-7766	1	Pipe-Return, Water
30	105-2876	1	Gasket-Flange, Water
40	98-9359	2	Bolt
50	98-7533	1	*obs* Stud
60	98-7554	1	Bolt
70	98-7534	1	Nut
80	98-7535	2	Washer-Spring
85	110-0021	1	Pipe ASM
90	110-0022	2	Pipe-Return, Water
100	105-2879	2	Clamp-Hose
130	98-7775	1	Cover-Thermostat
140	105-3748	1	Gasket-Thermostat
150	98-7777	2	Bolt
160	98-7778	1	Thermostat ASM



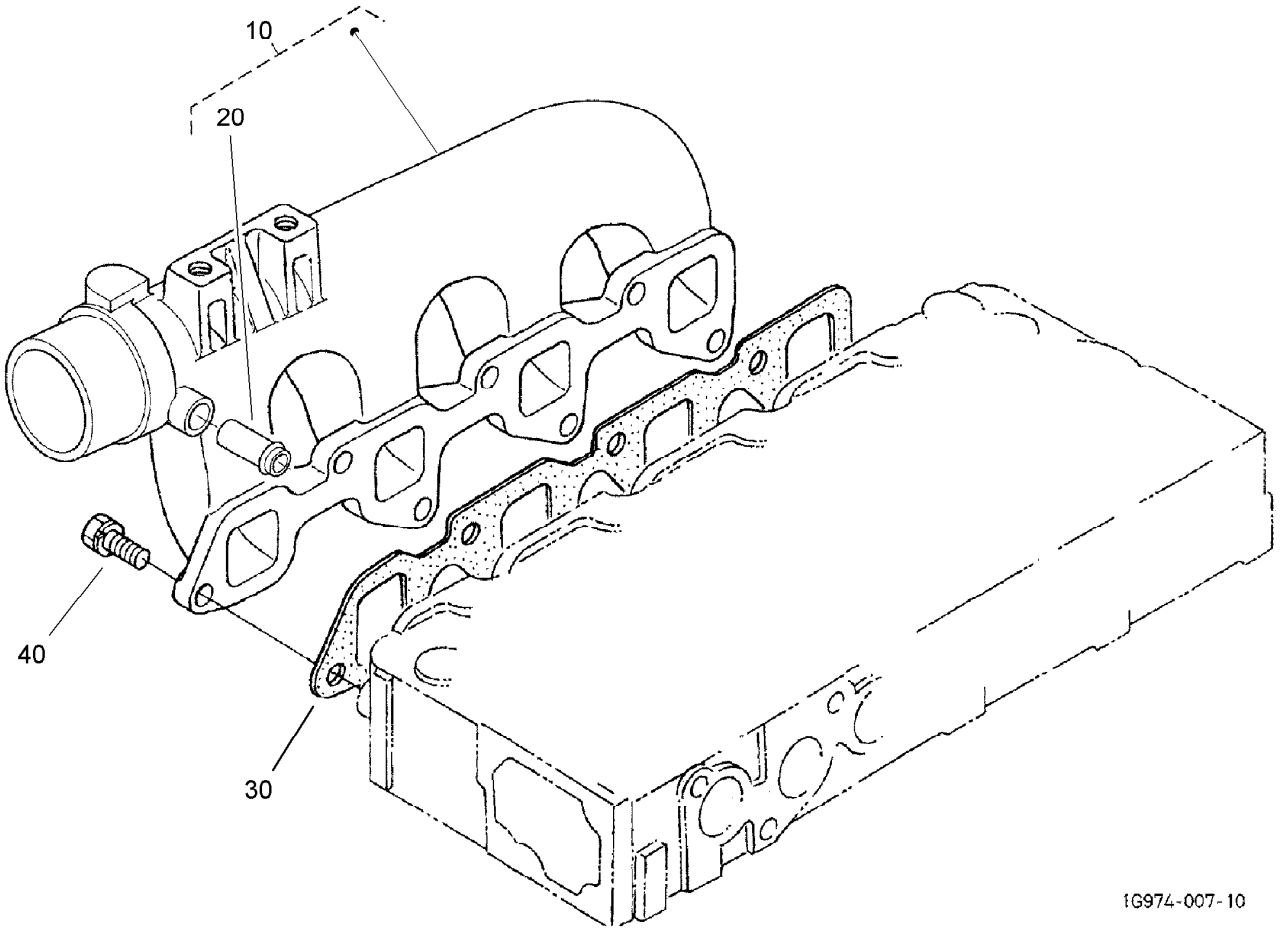
Water Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7779	1	Water Pump ASM
20	98-7780	1	Bearing-Ball
30	107-0130	1	Impeller-Pump, Water
40	98-7782	1	Mechanical Seal ASM
45	107-0131	1	Pin-Spring
50	108-7089	1	Flange-Shaft, Water Pump
60	98-7784	1	Gasket-Pump, Water
70	98-7439	2	Bolt
80	108-7090	2	Stud
90	98-7535	2	Washer-Spring
100	98-7534	2	Nut
110	98-7605	8	Bolt
120	98-7568	2	Bolt
130	98-7702	1	Pulley-Fan
140	107-4317	4	Bolt-Flange
150	100-9246	1	Indicator-Timing



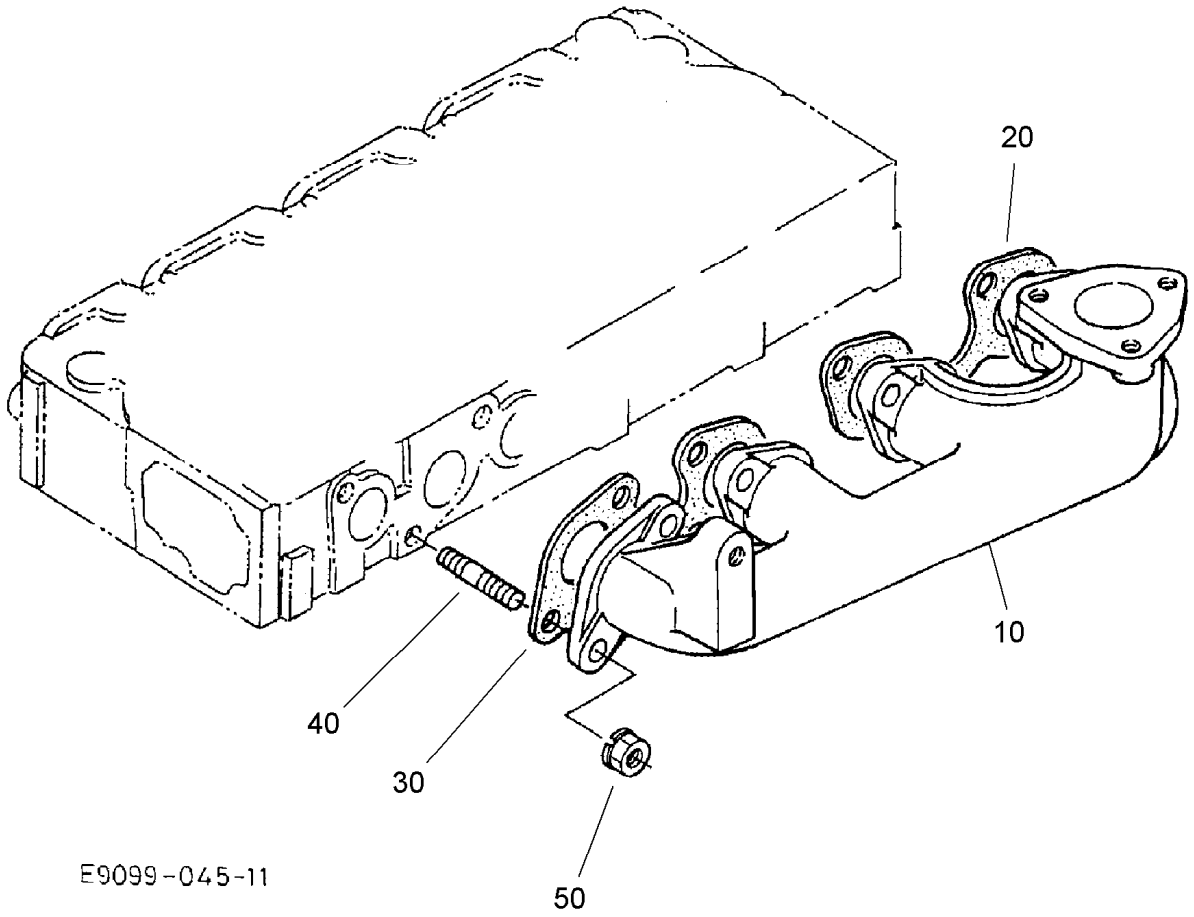
Valve and Rocker Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7791	4	Valve-Inlet
20	98-7792	4	Valve-Exhaust
30	98-7793	8	Spring-Valve
40	98-7794	8	Retainer-Spring, Valve
50	98-7795	8	Collet-Spring, Valve
60	98-7796	8	Seal-Stem, Valve
70	98-7797	8	Cap-Valve
80	107-0134	1	Shaft-Arm, Rocker
90	98-7800	4	Bracket-Arm, Rocker
100	98-7807	3	Spring-Arm, Rocker
110	108-7091	4	Bolt-Flange
120	98-7805	1	Pin-Spring
130	98-7806	2	Washer
140	98-7660	2	Washer-Plain
150	98-7535	2	Washer-Spring
160	98-7884	2	Bolt
170	98-7809	8	Rocker Arm ASM
180	98-7810	8	Screw-Adjusting
190	98-7811	8	Nut



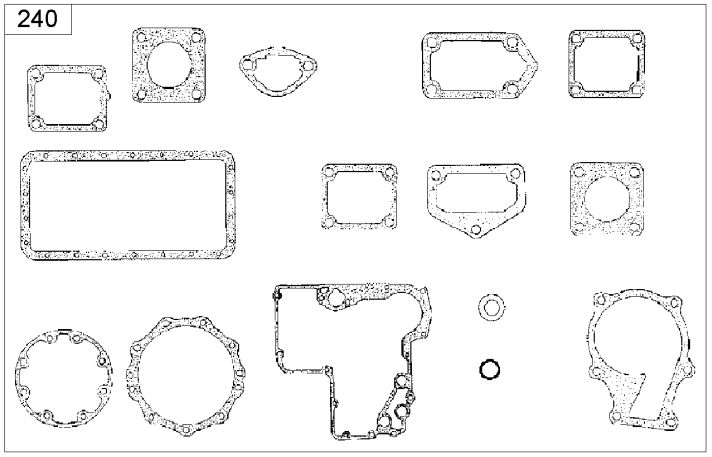
Inlet Manifold Assembly

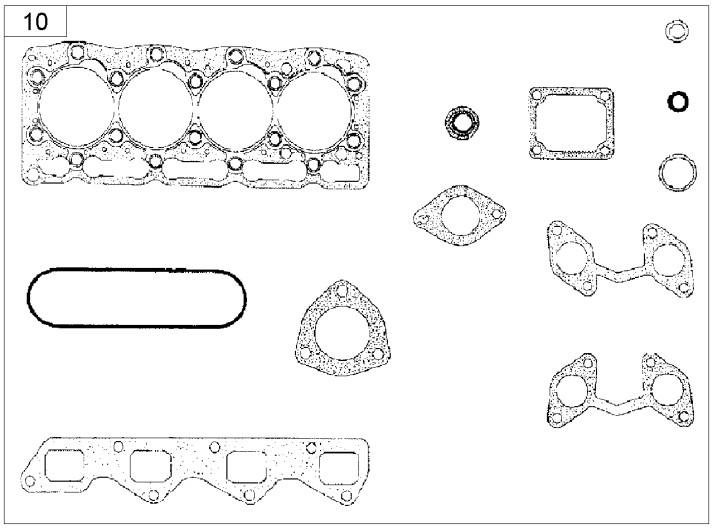
Ref.	*Part Number*	*Qty.*	*Description*
10	110-0023	1	Inlet Manifold ASM
20	98-7766	1	Pipe-Return, Water
30	100-9284	1	Gasket-Manifold, Intake
40	98-7610	7	Bolt



Exhaust Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7815	1	Manifold-Exhaust
20	98-7802	1	Gasket
30	98-7803	1	Gasket
40	100-1558	8	Stud-Manifold, Exhaust
50	100-9288	8	Nut





Gasket Kit Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7887	1	Upper Gasket Kit
240	110-0025	1	Lower Gasket Kit

Attachments and Accessories

For 03706 Reelmaster 4000-D 2-Wheel Drive Traction Unit

Product Name	Model/Part
7-Blade Reel Mower (LH)	03723
7-Blade Reel Mower (RH and Center)	03724
11-Blade Reel Mower (LH)	03725
11-Blade Reel Mower (RH and Center)	03726
Dethatcher (LH)	03730
Dethatcher (RH and Center)	03732
Wiehle Roller Kit	03740
Full Roller Kit	03742
Side Skid Kit	03744
5-Blade Reel Mower (LH)	03752
5-Blade Reel Mower (RH and Center)	03753
Cutting Unit Floatation Kit	03760
Fixed Head Kit	03762
Two-Piece Hydraulic Tube Replacement Kit	105-3333
Rear Roller Scraper Kit for Cutting Units	59-6090
Front Roller Scraper Kit	62-6220
Muffler-Exhaust	74-2900
Roll-Over Protection System Kit	92-9286

Notes:

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Count on it.